

Original Documents, Pictures, Drawings and Screen Captures

Store in Memory Buffer(s) (J)

Obtain users device, terrestrial location coordinates and/or biometrics from the device hardware and software. Hash the information to create a reflective non original information data map. (S)

Scanned by a G3 Facsimile Machine or Optical Scanner or Screen Capture Methods (B)

Obtain Unique Electronic e-mail or IP Destination Address and public or secret encryption key for Intended Recipient from address table and key ring resident in flash memory or remotely from a database and remote key server (K)

Store hashed information in Memory Buffer(s) (T)

Connected to The Inventions Adjunct Device or PC Card: (C)

For a Fax Machine and via Fax Modem and Circuitry that Generates Central Office Dial Tone or by Standard Auxiliary Port Means-to Include USB or by Wireless Means-to include Infrared

Associate Phone Number Dialed By The Fax Machine or Other Remote Device with the e-mail or IP destination address or if null Confirm destination address via device per (K) or PC keyboard

Generate message headers in accordance with selected protocols and may include non-standard x headers to identify specific transport, identity and receipt verification processes and other routing and sending/reception requirements. (U)

Connected to A Packet Switched Network via Data Modem; to include Cable, Cellular and Satellite -Resident or Remote; and Standard RJ 11 Phone Line Connector or RJ 45 LAN Connector or Cable Connector or CDMA/TDMA Cellular Connection or Satellite Up Link/Down Link Connection (D)

Store in Memory Buffer(s) (N)

Send entire now completed processed contents of the previous buffer(s) to intended recipient utilizing appropriate protocols over any terrestrial or satellite communication network. Retain entire contents of memory buffer(s) and message headers for a specified period of time. Entire or partial memory buffer(s) contents may be permanently archived, on premise or remotely, utilizing standard achieving media and processes. (U)

Receive Images Generated by the Fax Machine or Optical Scanner or Screen Capture Method (E)

If encryption is selected by user or by default, encrypt stored buffer of newly compressed Image data with encryption algorithm(s) stored in EPROM and/or resident in ASIC to include but not limited to S-MIME, S_HTTP, SXML, SET, Rijndael, PGP, DES Vernam ciphers and RSA. Additionally the multi dimensional codecs of the harmonic matrix multiplication compression schemes available in this invention can be adapted to perform non-recoverable-disappearing key encryption. (O)

The reception process is the direct inverse of the sending process above for a stand alone G3 facsimile machine and in the reception mode (A) above may include direct printers/plotters or any other message media rendering equipment, for example 3 dimensional mold making machines.

Invoke Hardware and Software process to Remove Inferior CODEC's or OCR scan codes Restoring images to Native Scanned Image State (G)

Store in Memory Buffer(s) (P)

Store Native Image Data In Memory Buffer(s) (H)

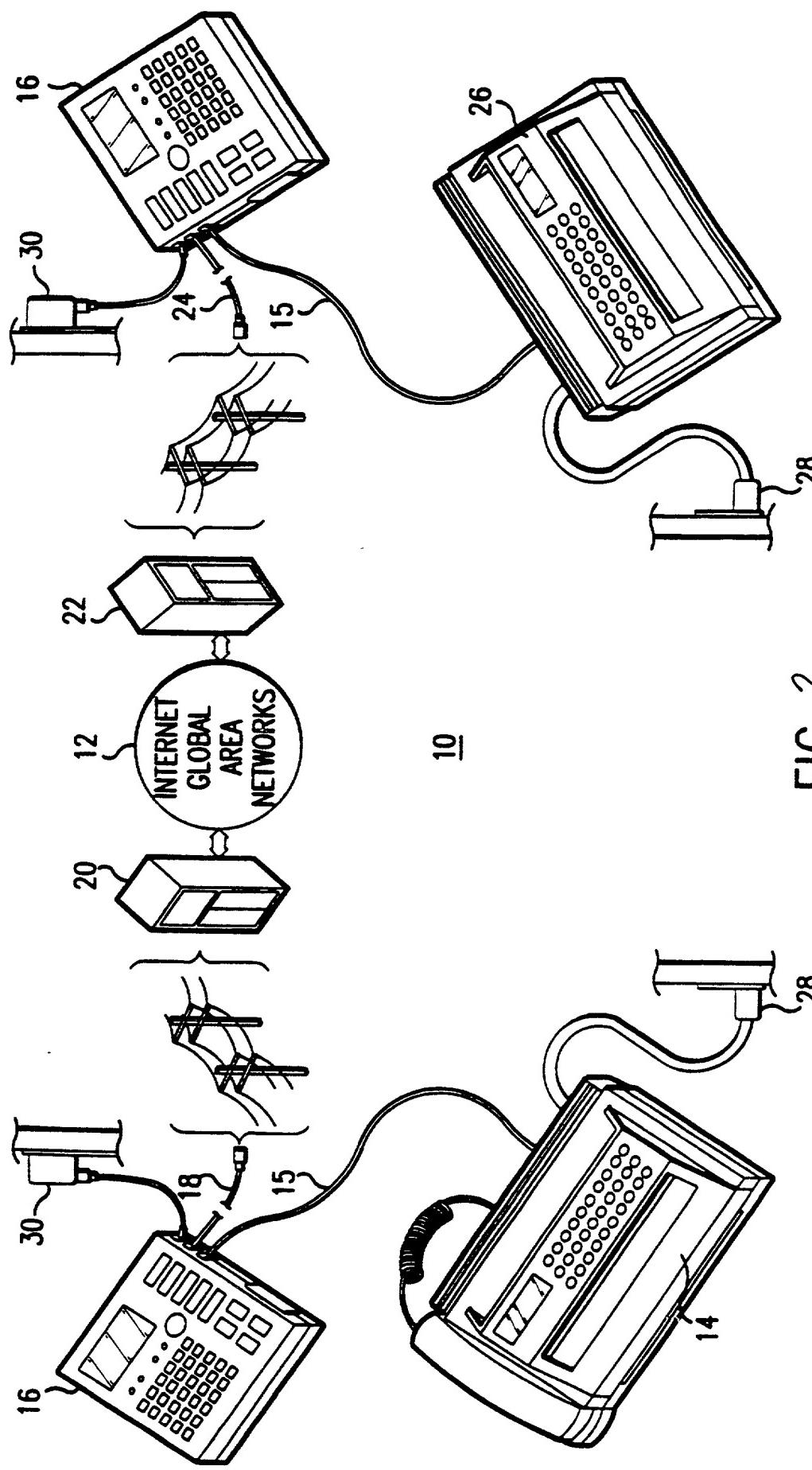
Invoke message encapsulation protocols stored in EPROM(s), to include but not limited to IP, TCP, UDP, SMTP, POP3, MIME & extended MIME message types, IMAP, HTML and XML and encapsulate entire previous memory buffer(s) within appropriate protocol stacks. (Q)

Compress Native Image Data with Multi Dimensional CODEC's Resident in Eproms and ASIC. Specific CODEC's to include but are not limited to: LZW-TIFF & TIFF-FX, JPEG & JPEG, 2000, MPG, Streaming Media, Harmonic Matrix Multiplication, (I)

Store in Memory Buffer(s) (R)

Figure 1

FIG. 2



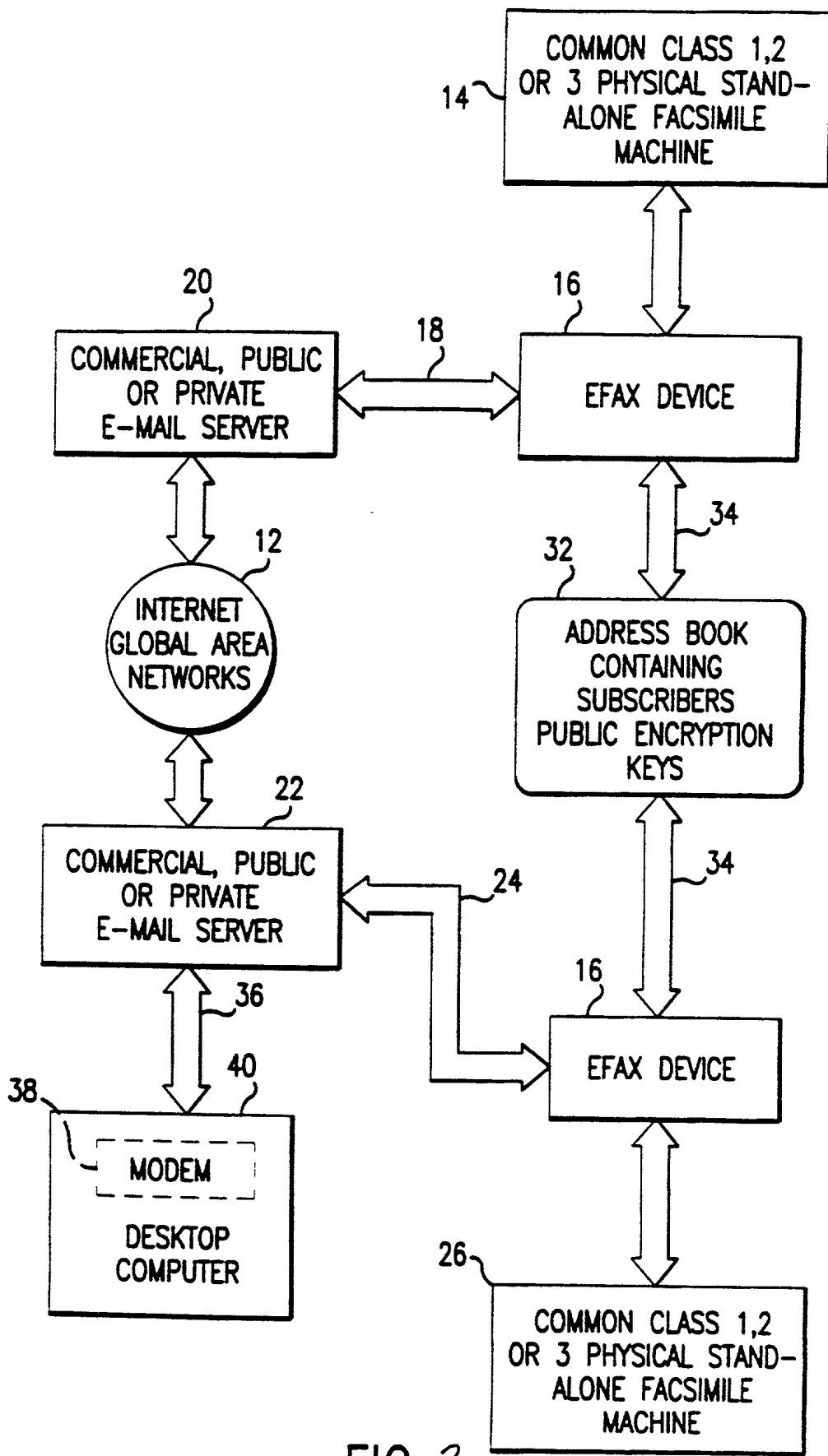


FIG. 3

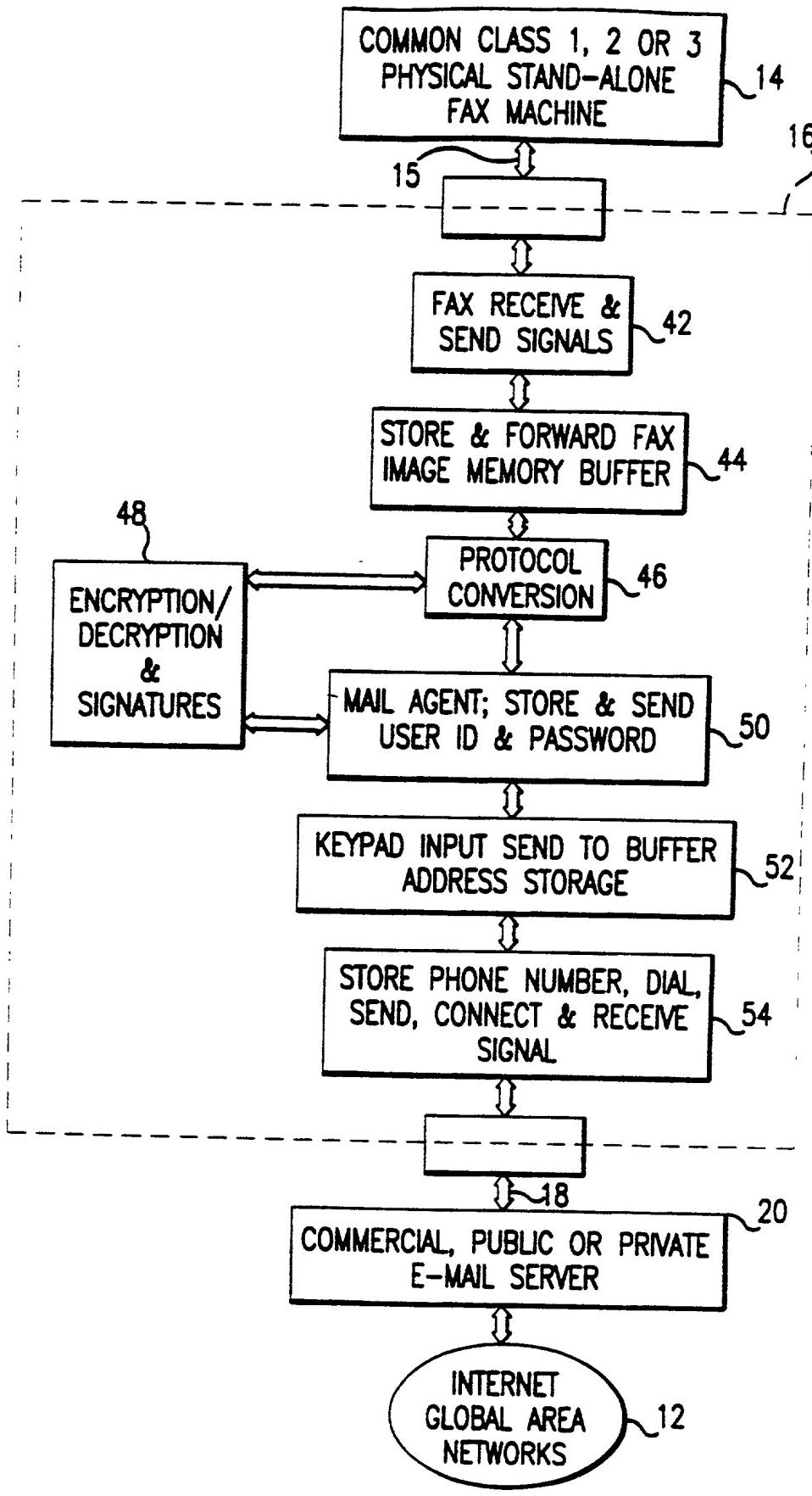


FIG. 4

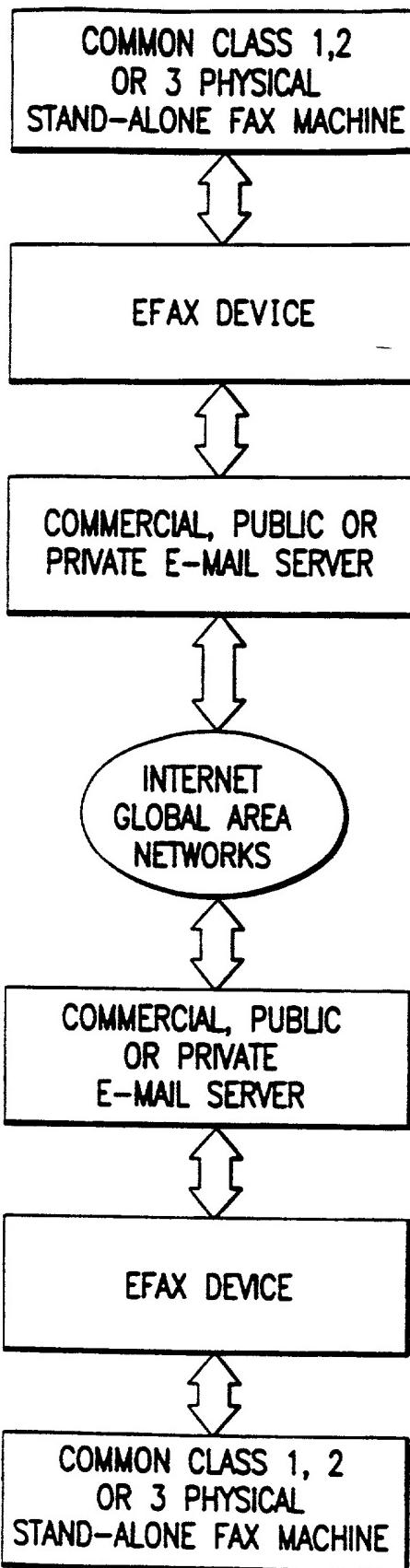


FIG. 5

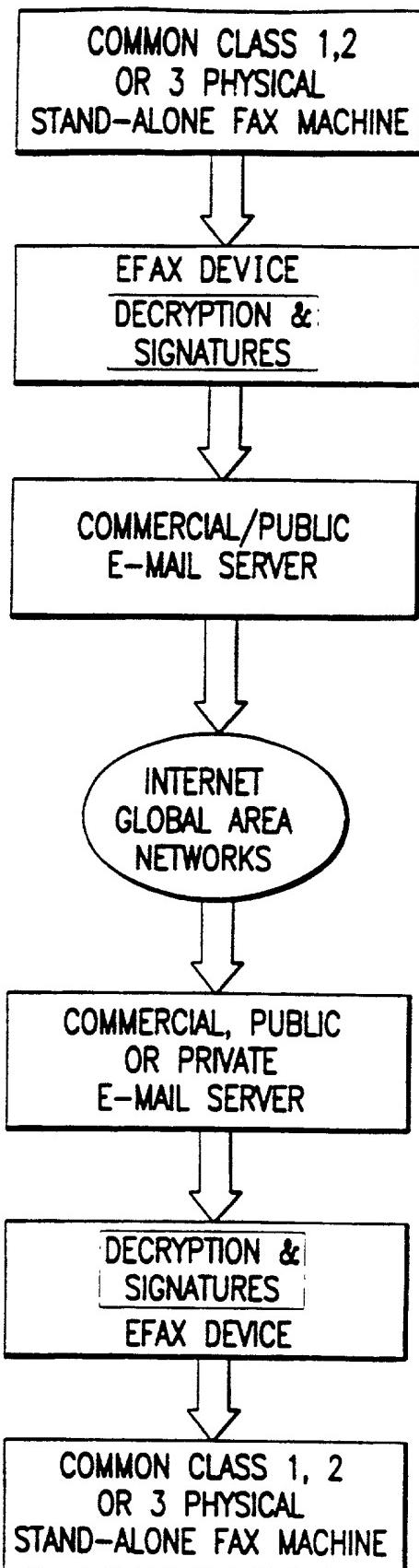


FIG. 6

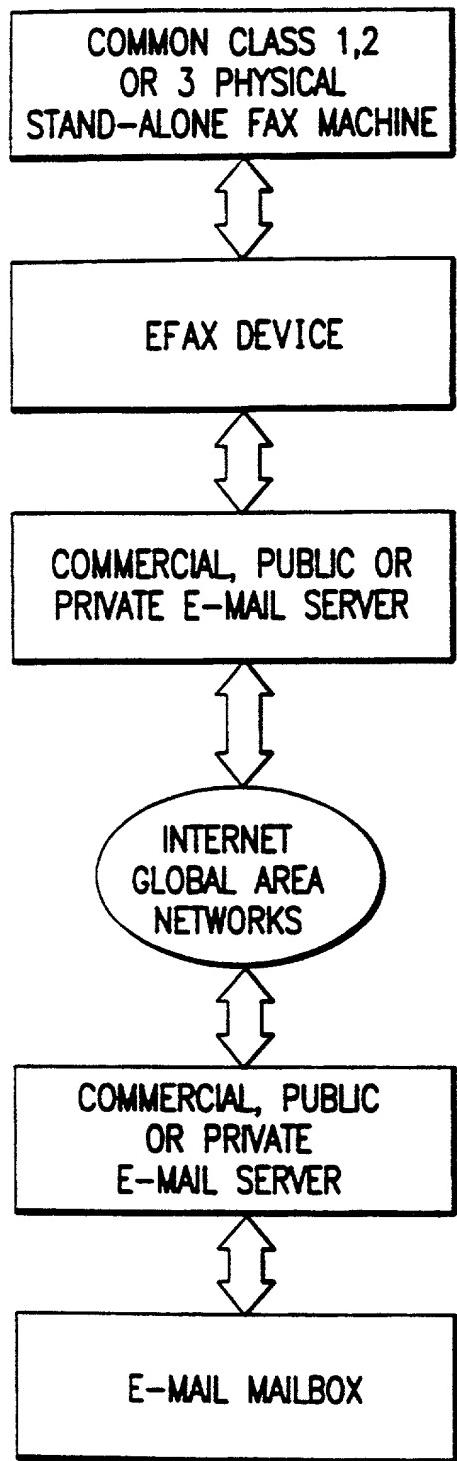


FIG. 7

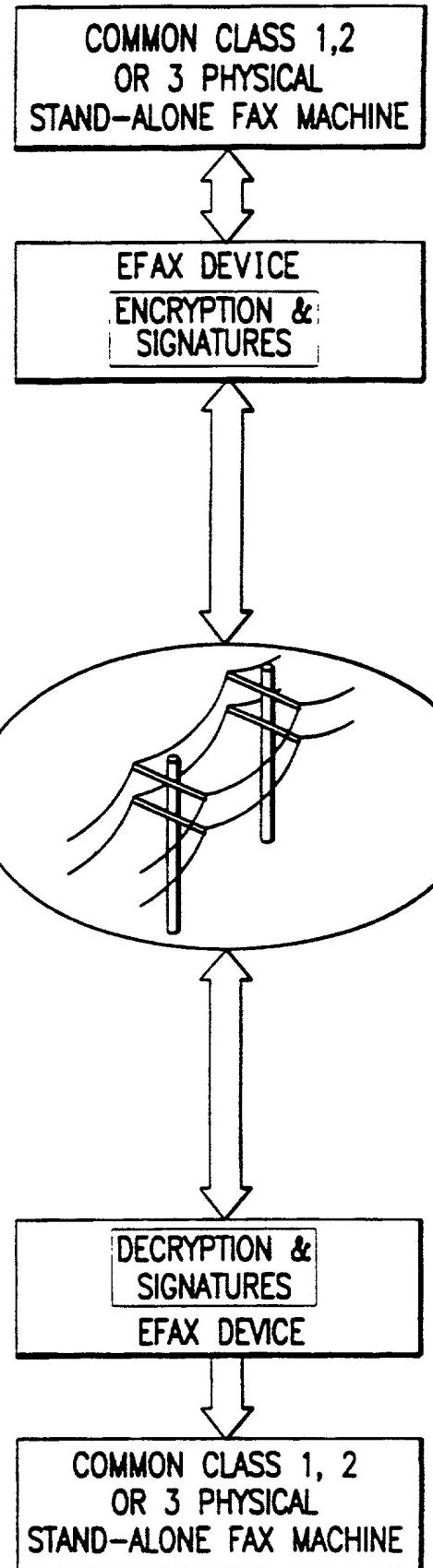
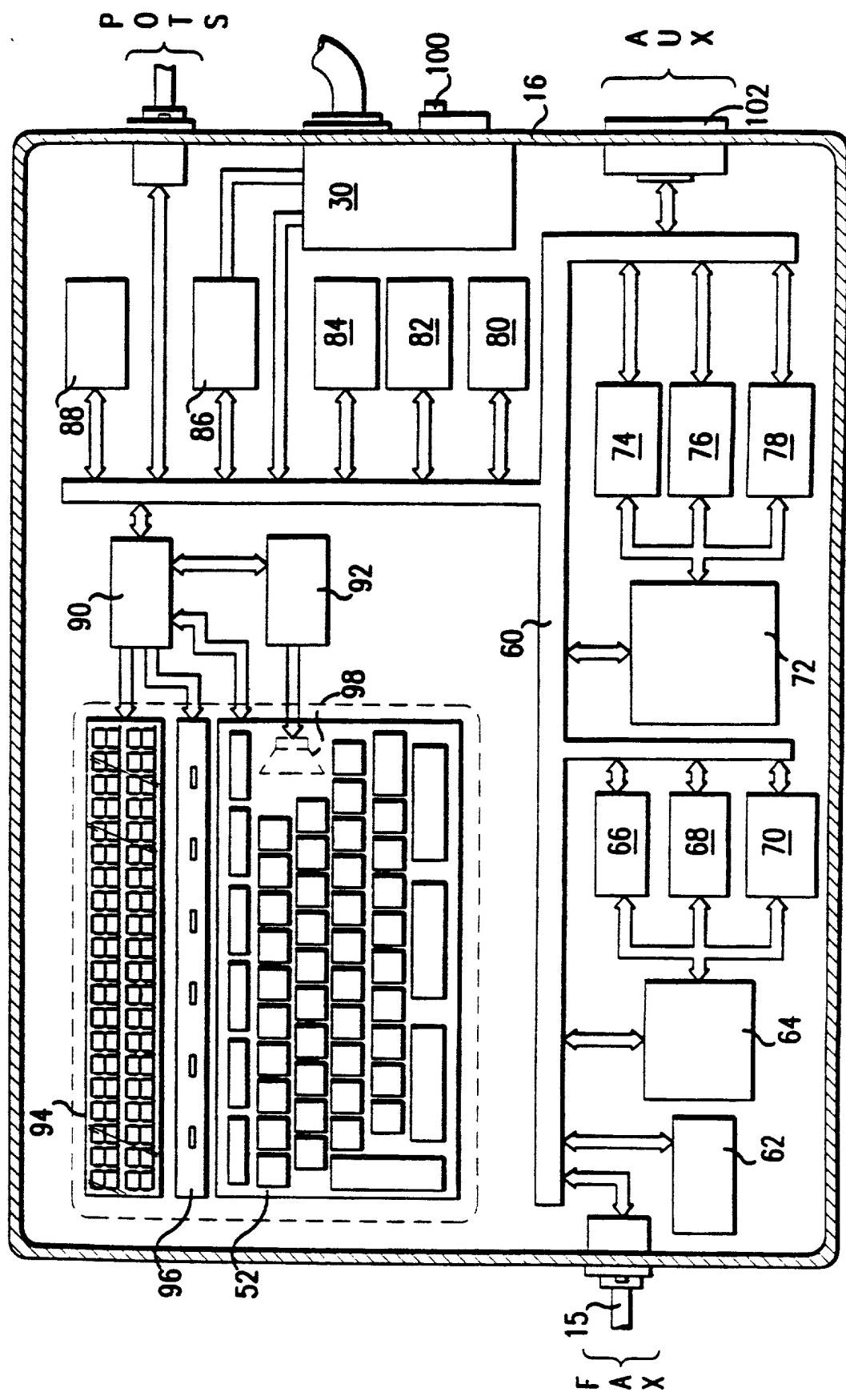


FIG. 8

FIG. 9



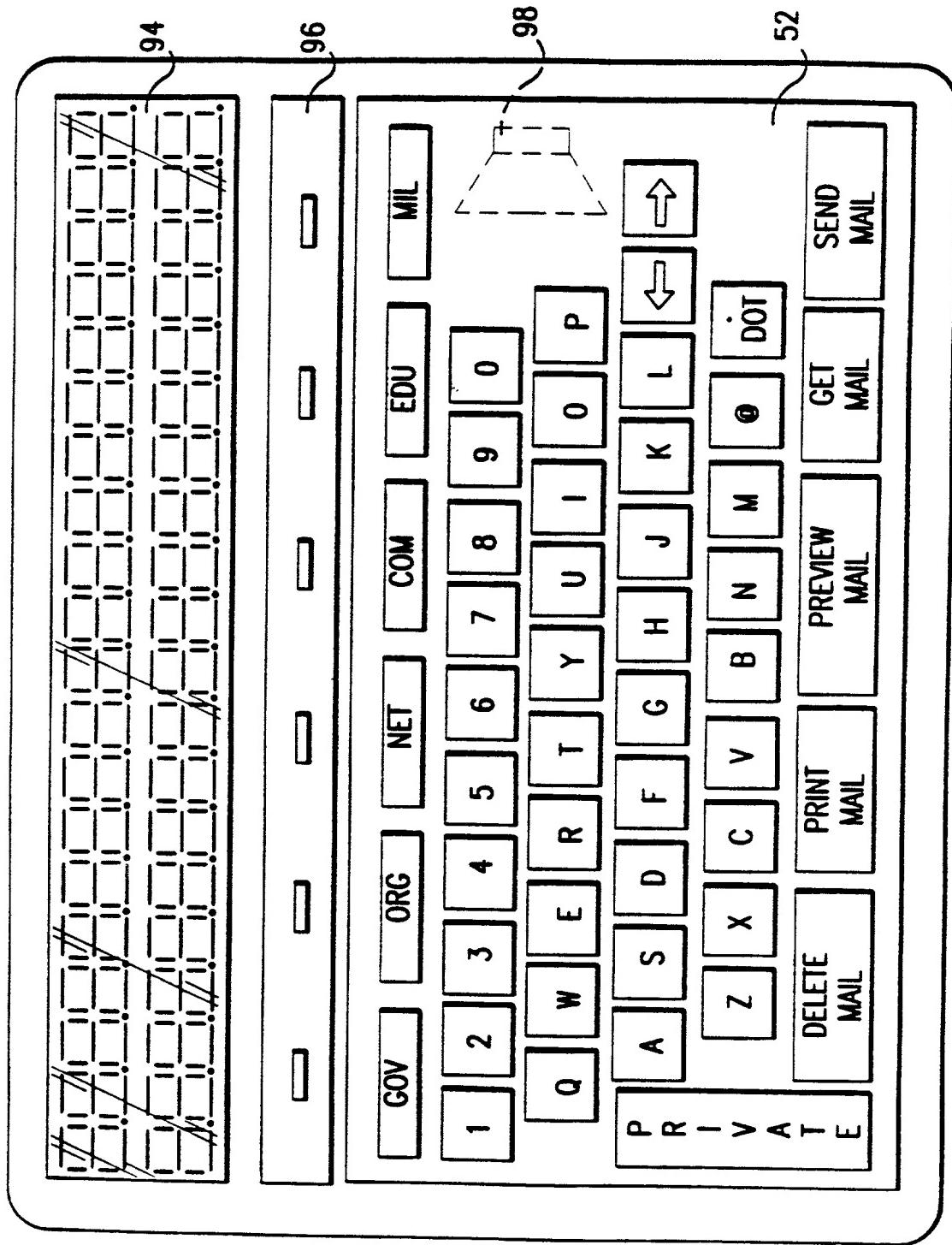


FIG. 10

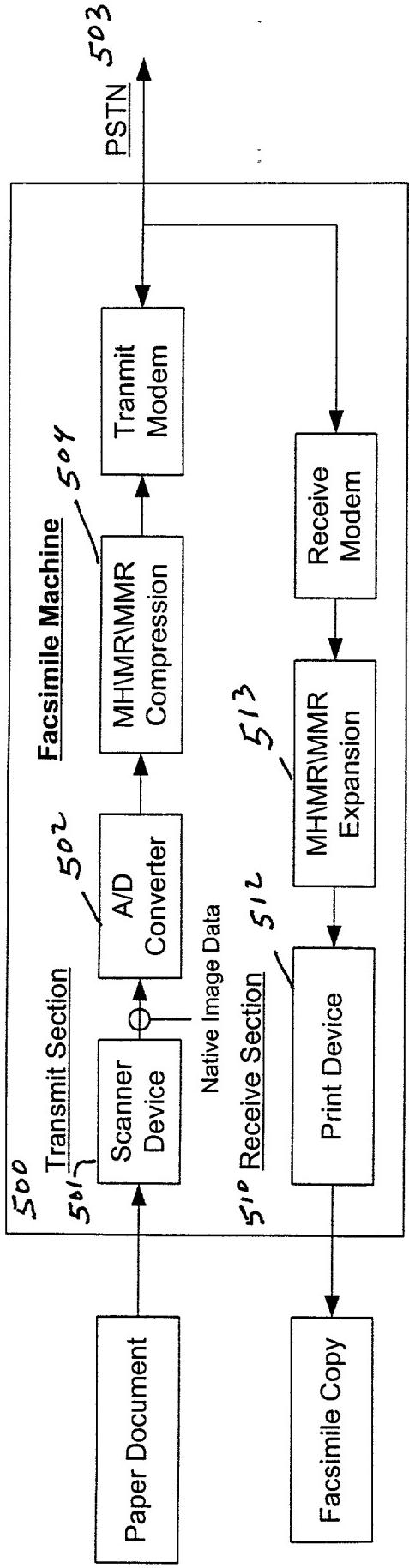


Figure 11

Figure 12

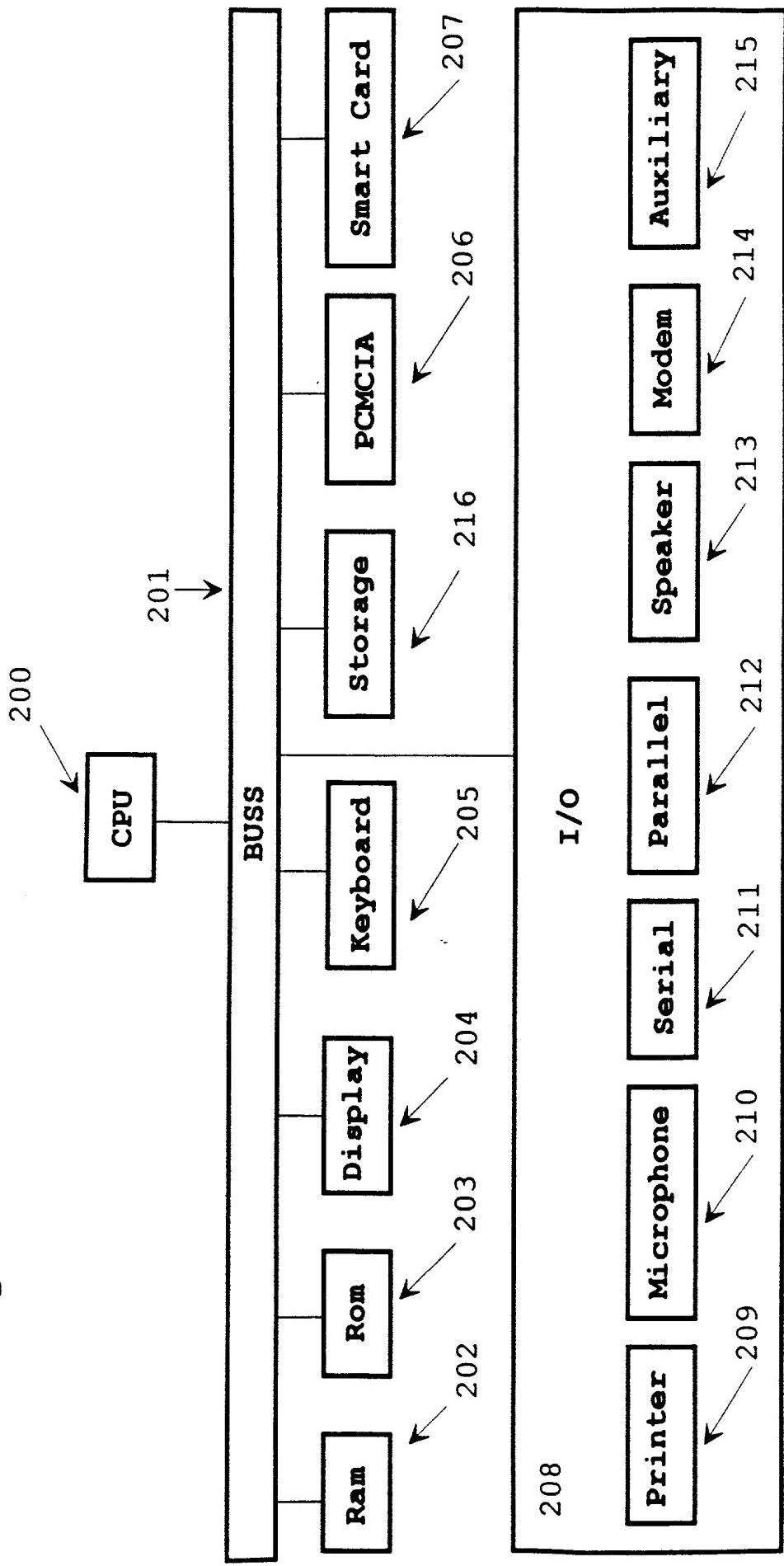


Figure 13

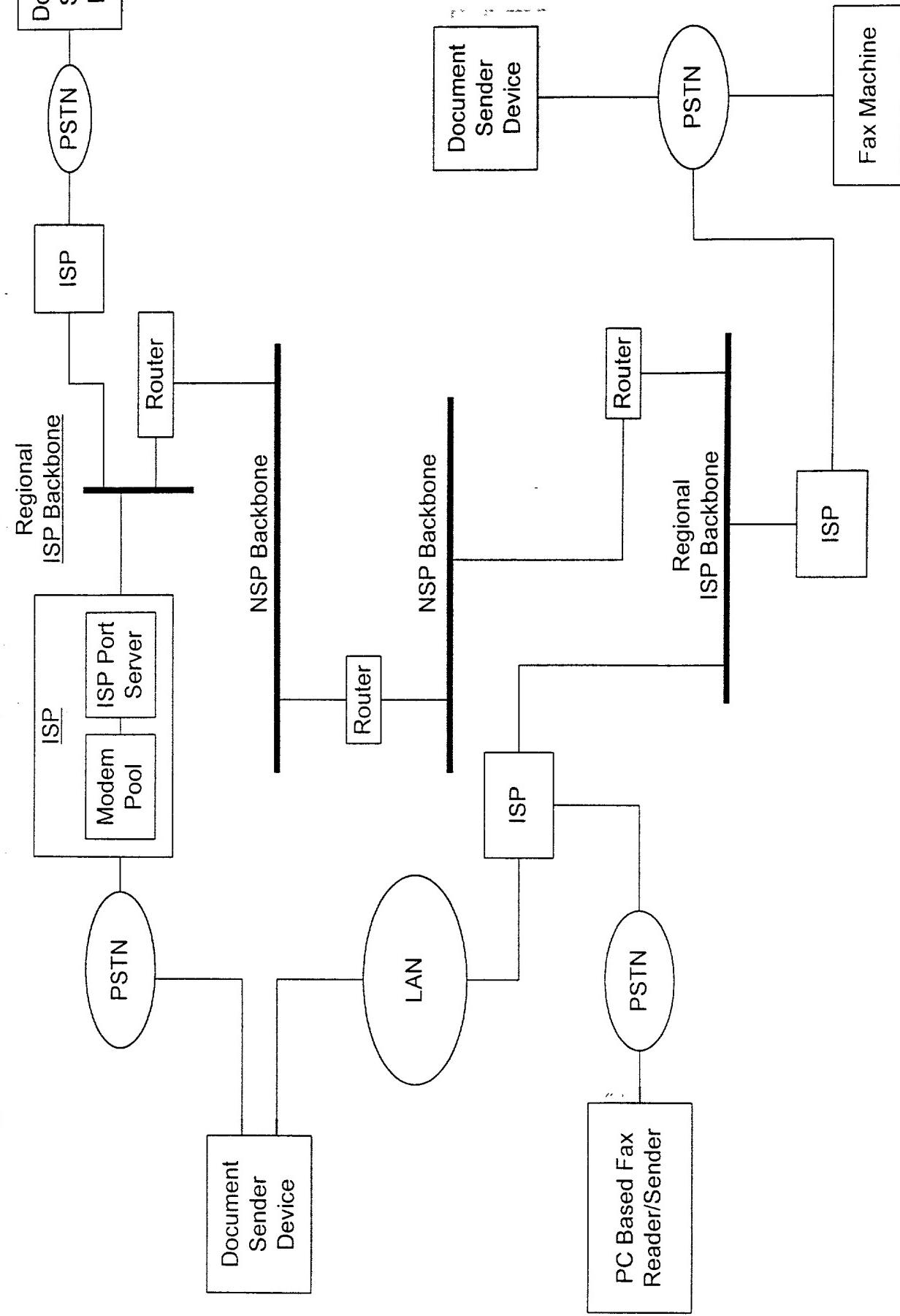


Figure 14

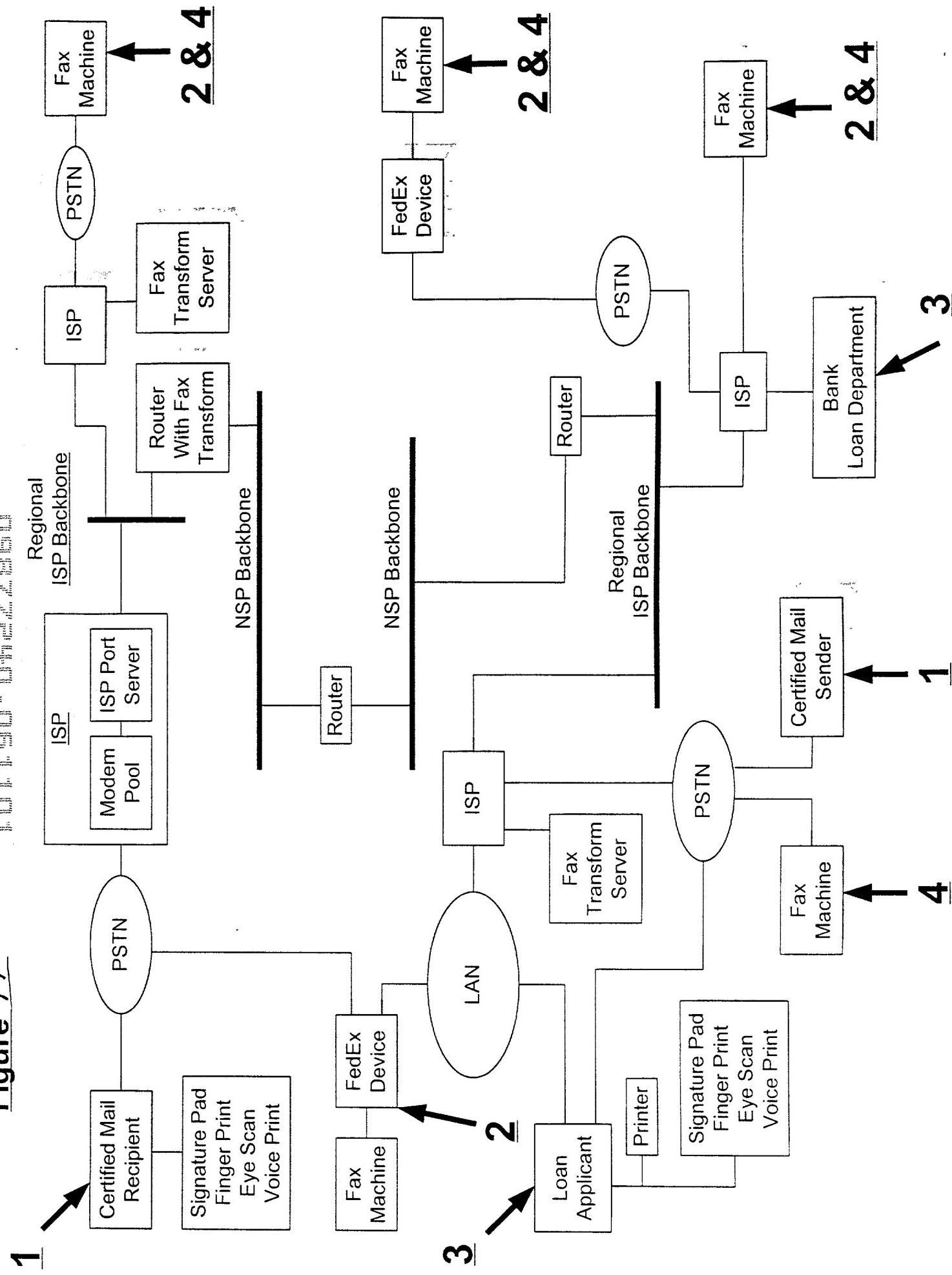


Figure 15

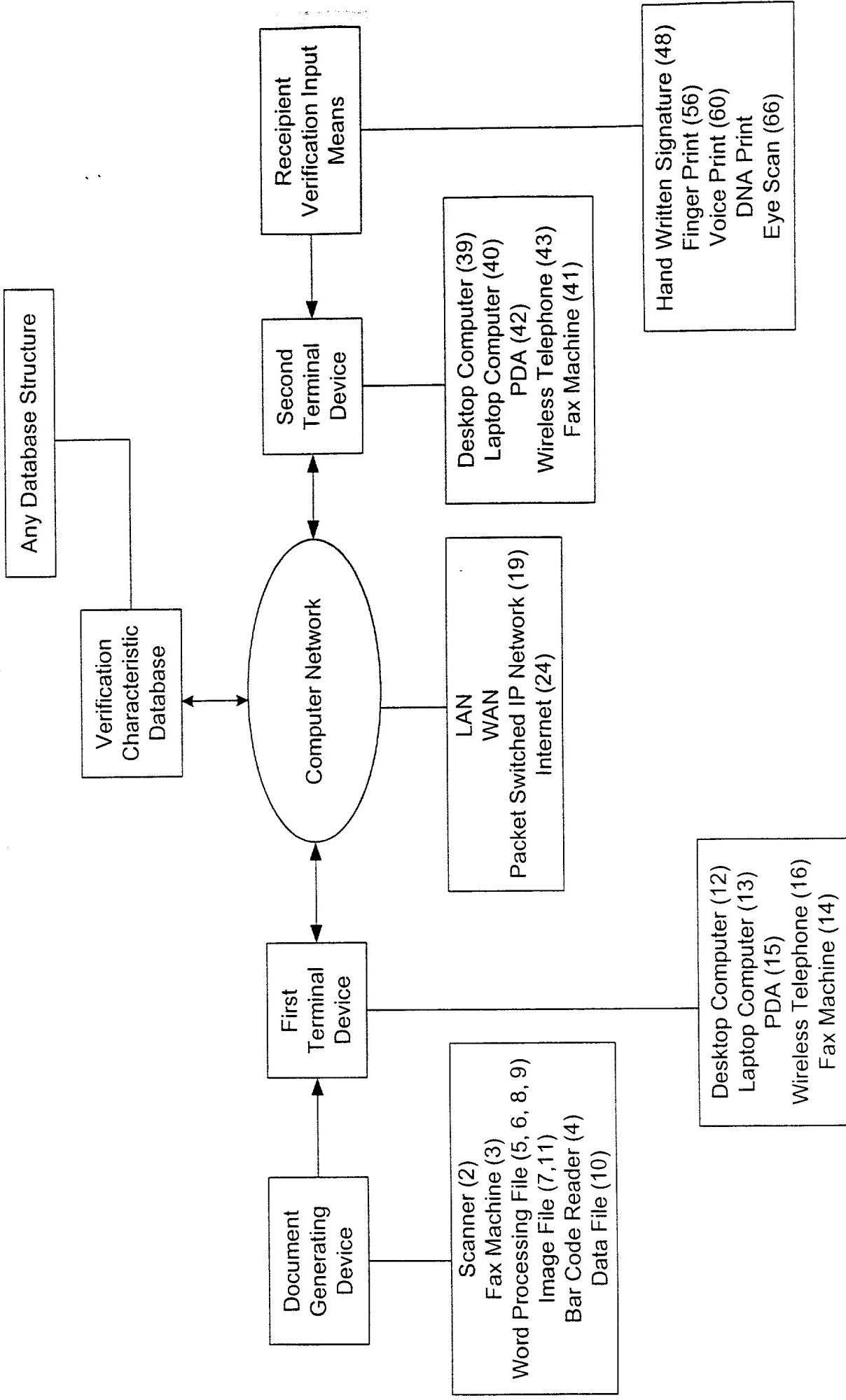
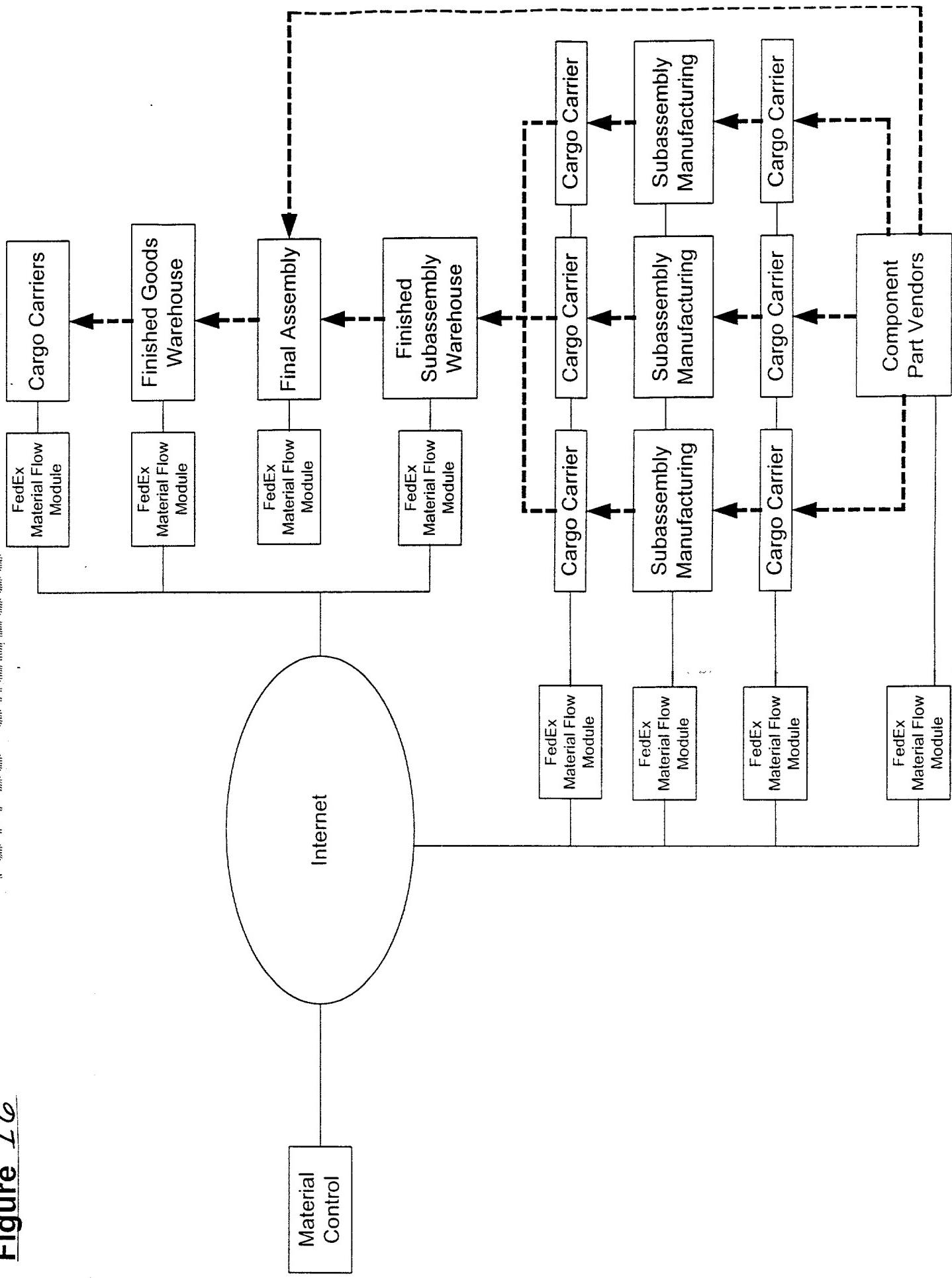


Figure 16



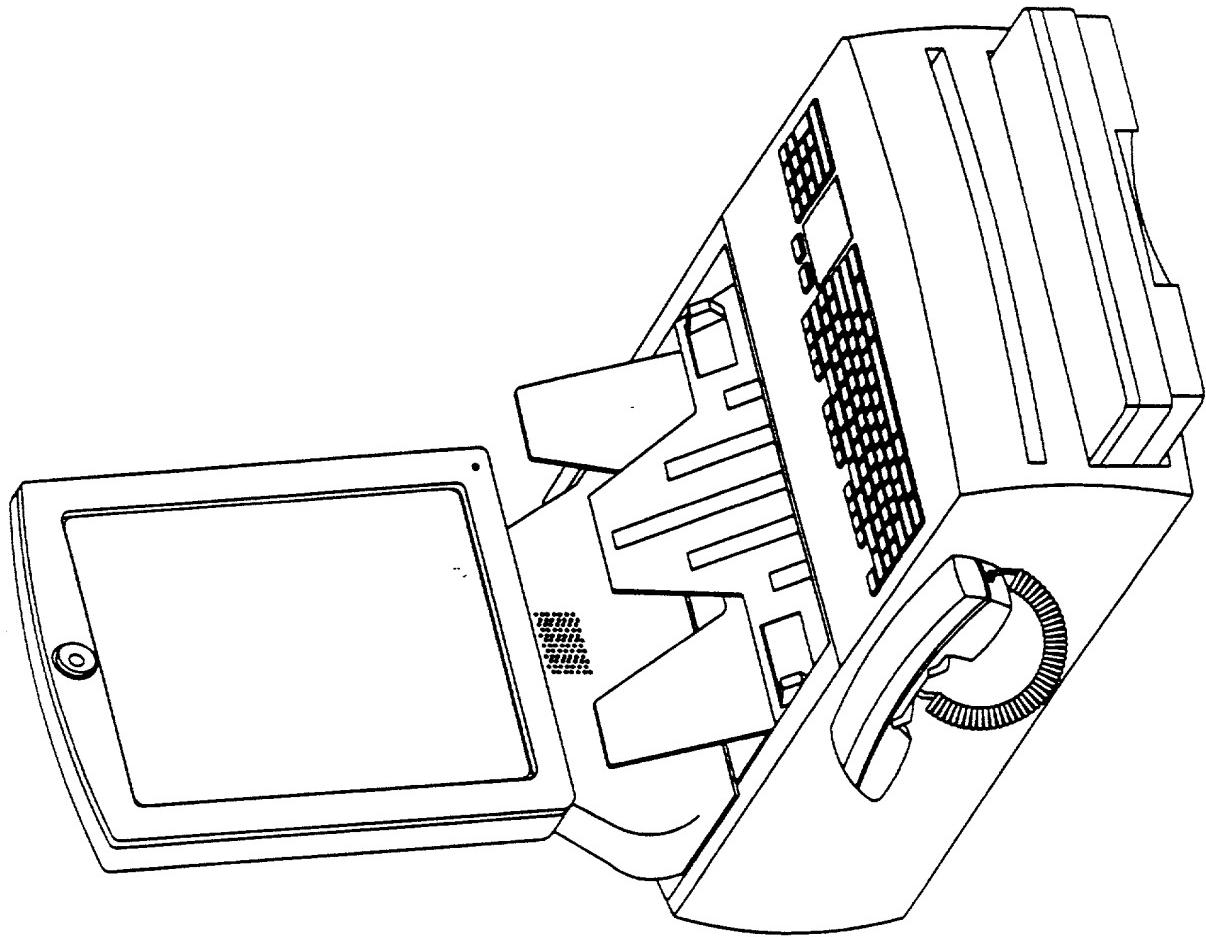


Figure 17

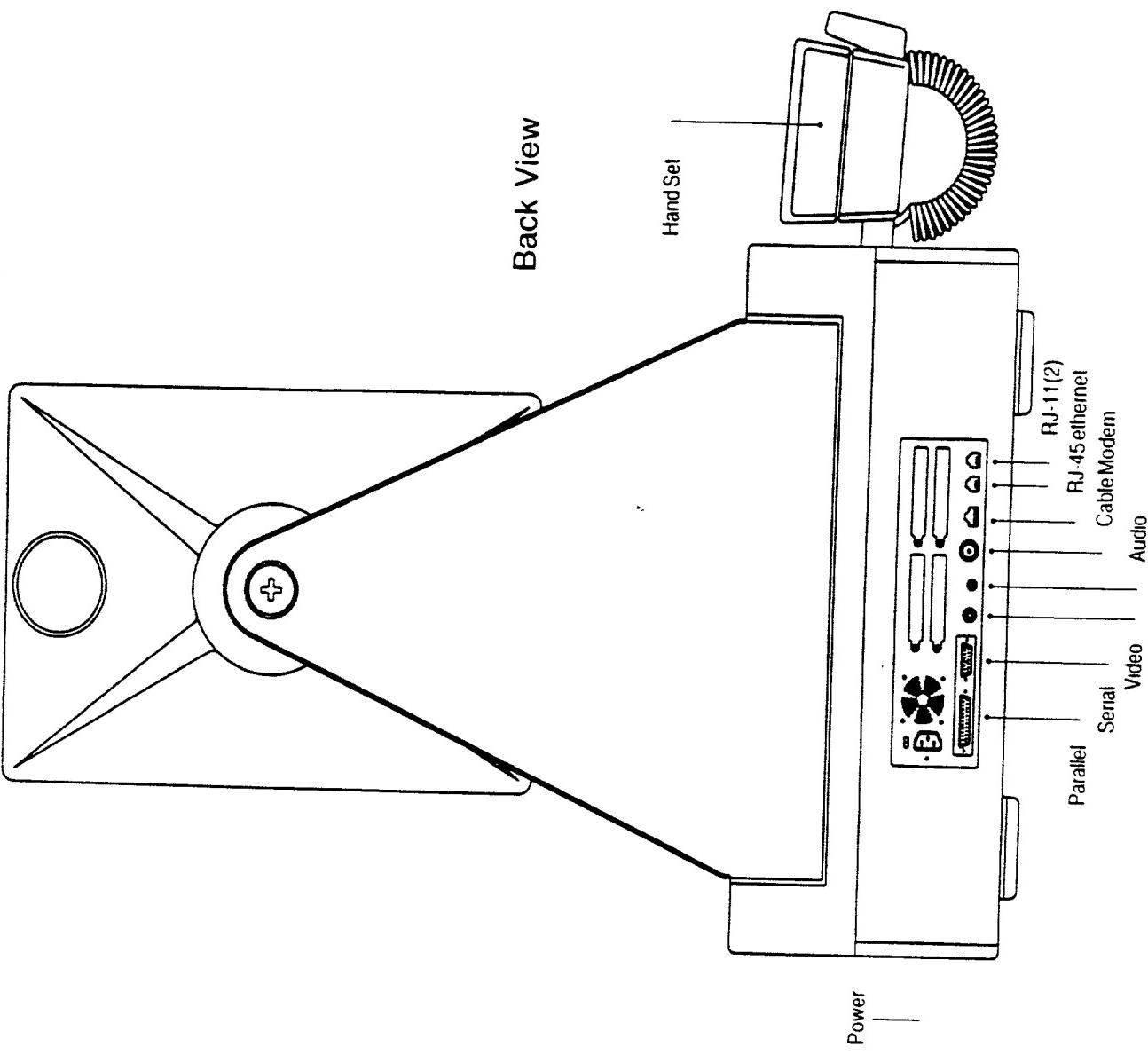


Figure 18

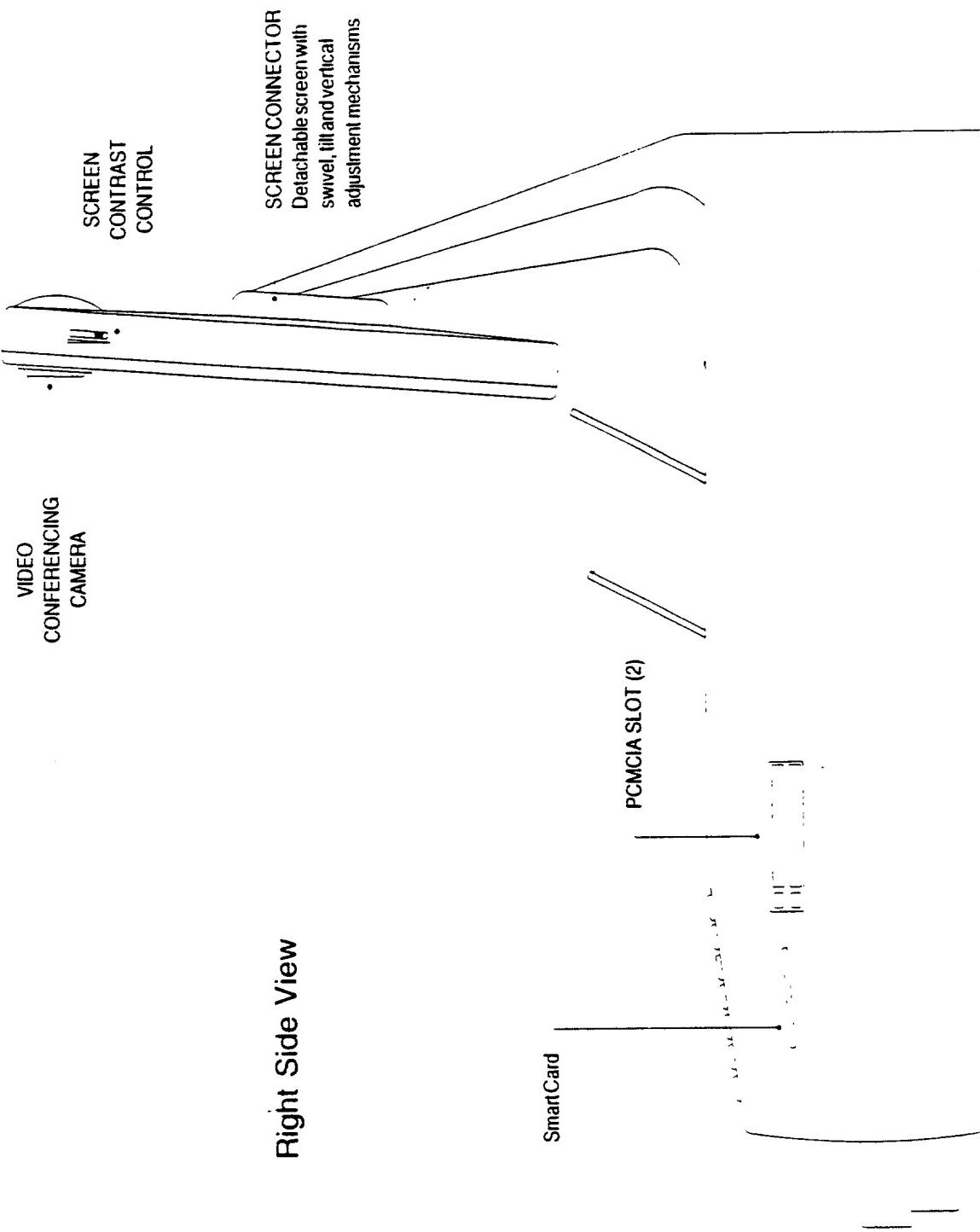
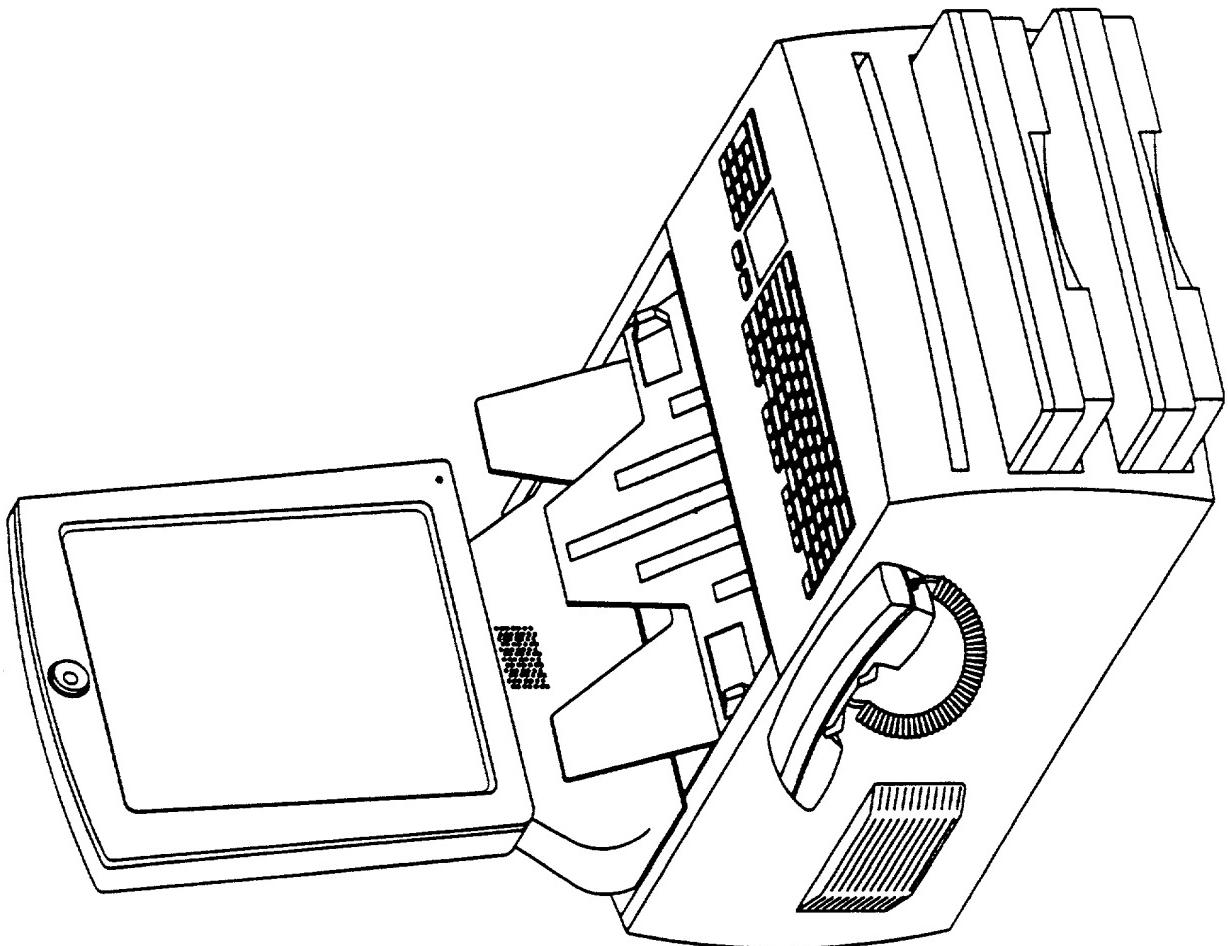


Figure 19



Figure_20

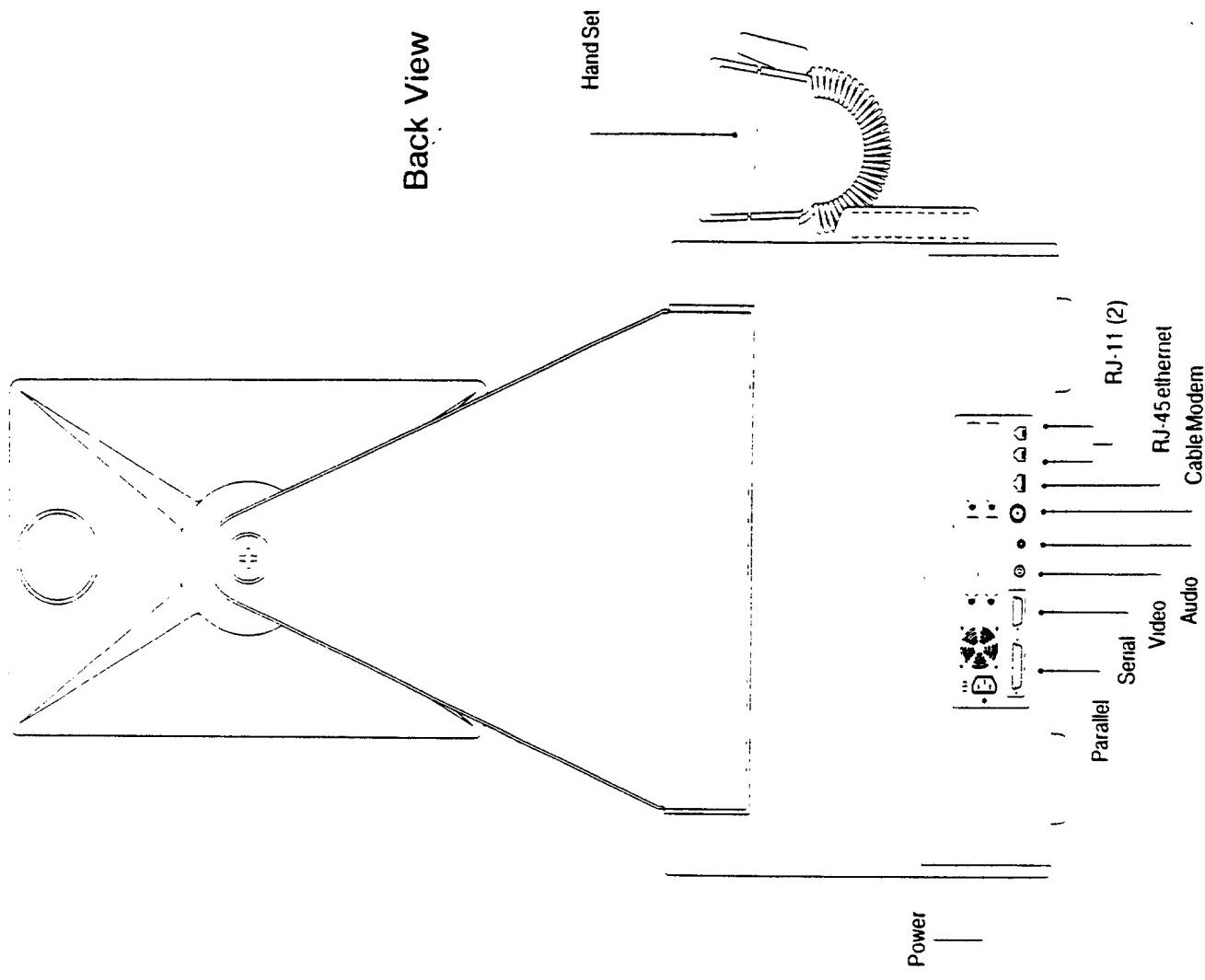


Figure 21

e-Concierge' MFD Hardware Ports

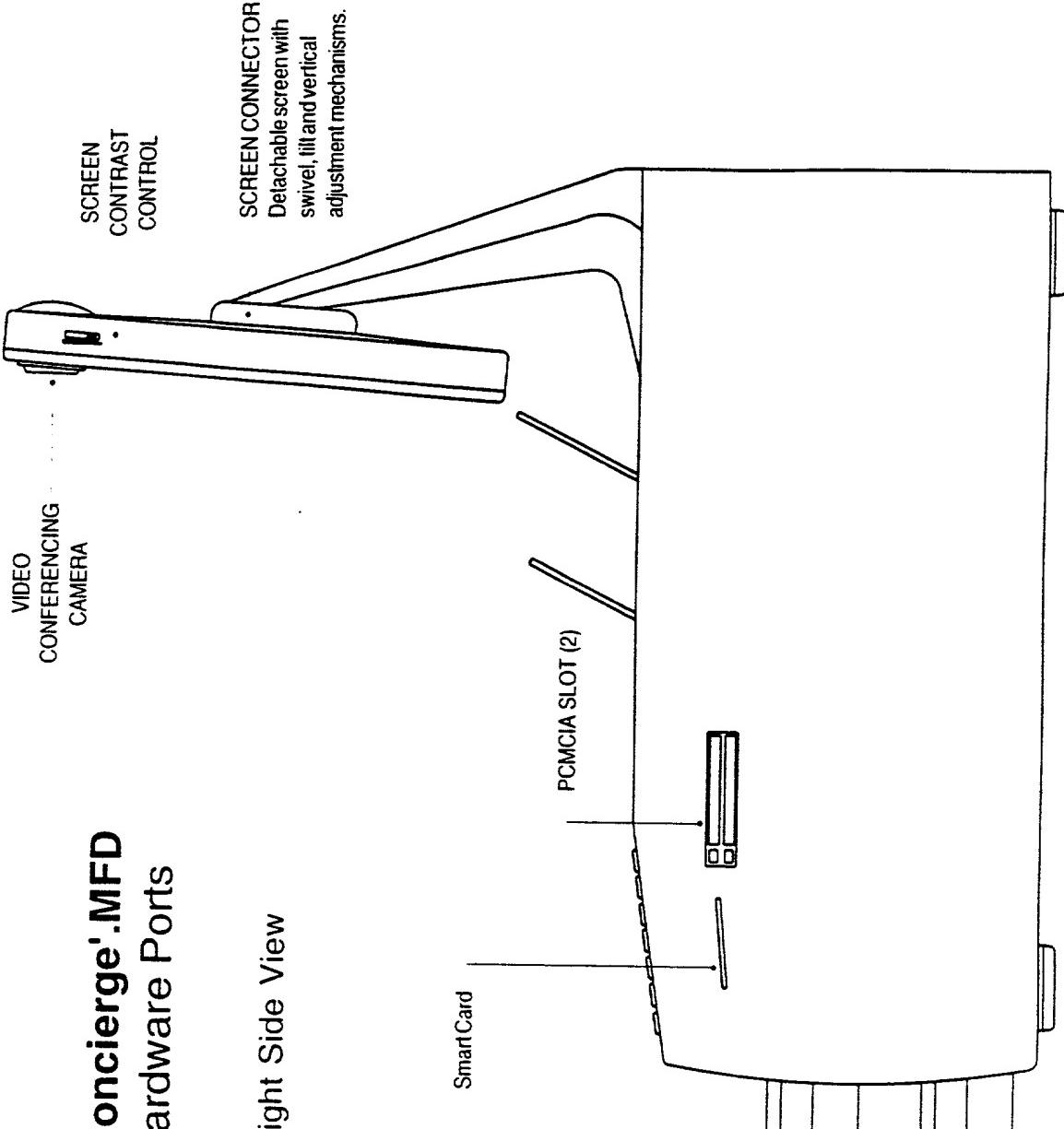


Figure 22

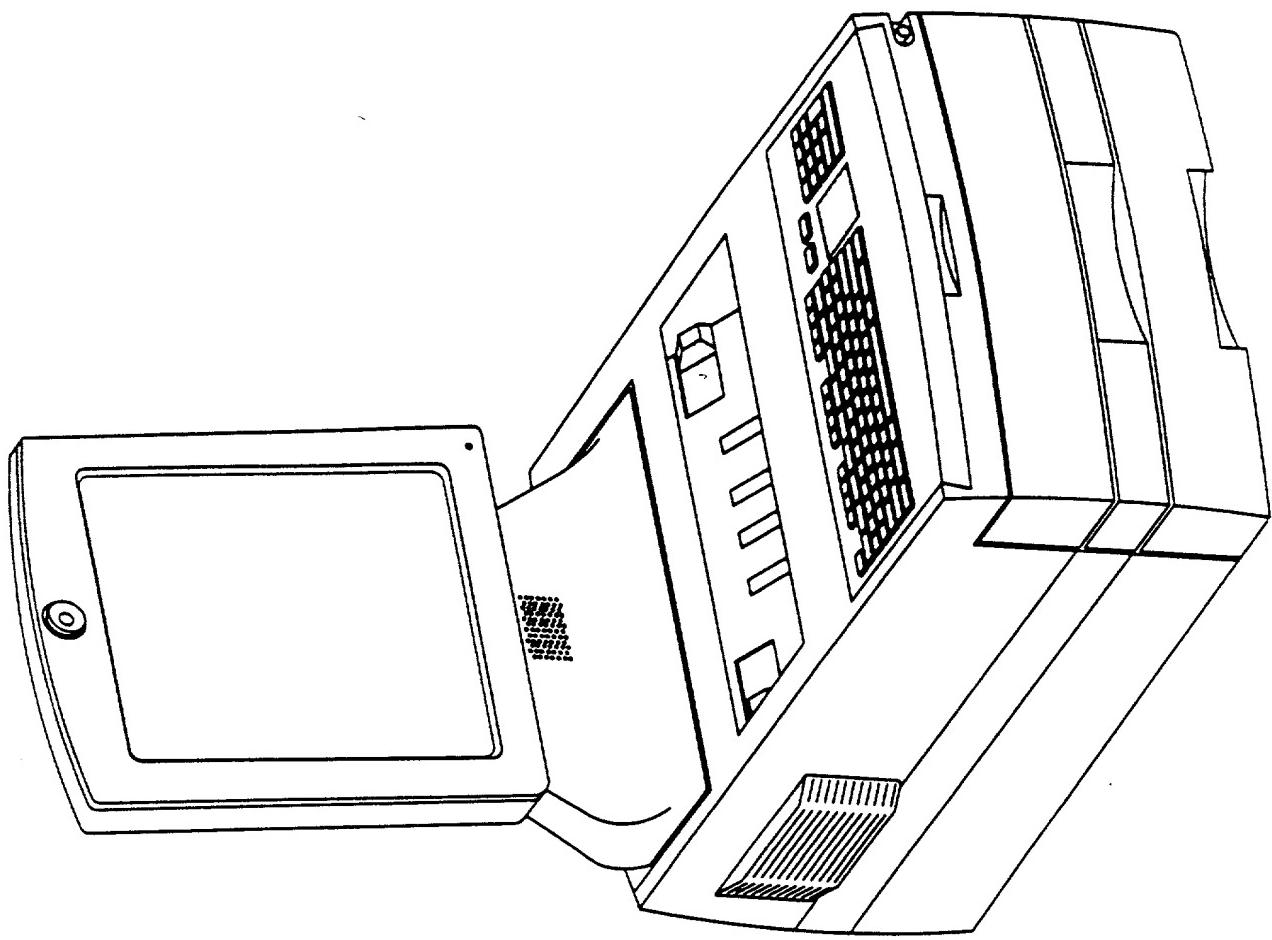


Figure 23

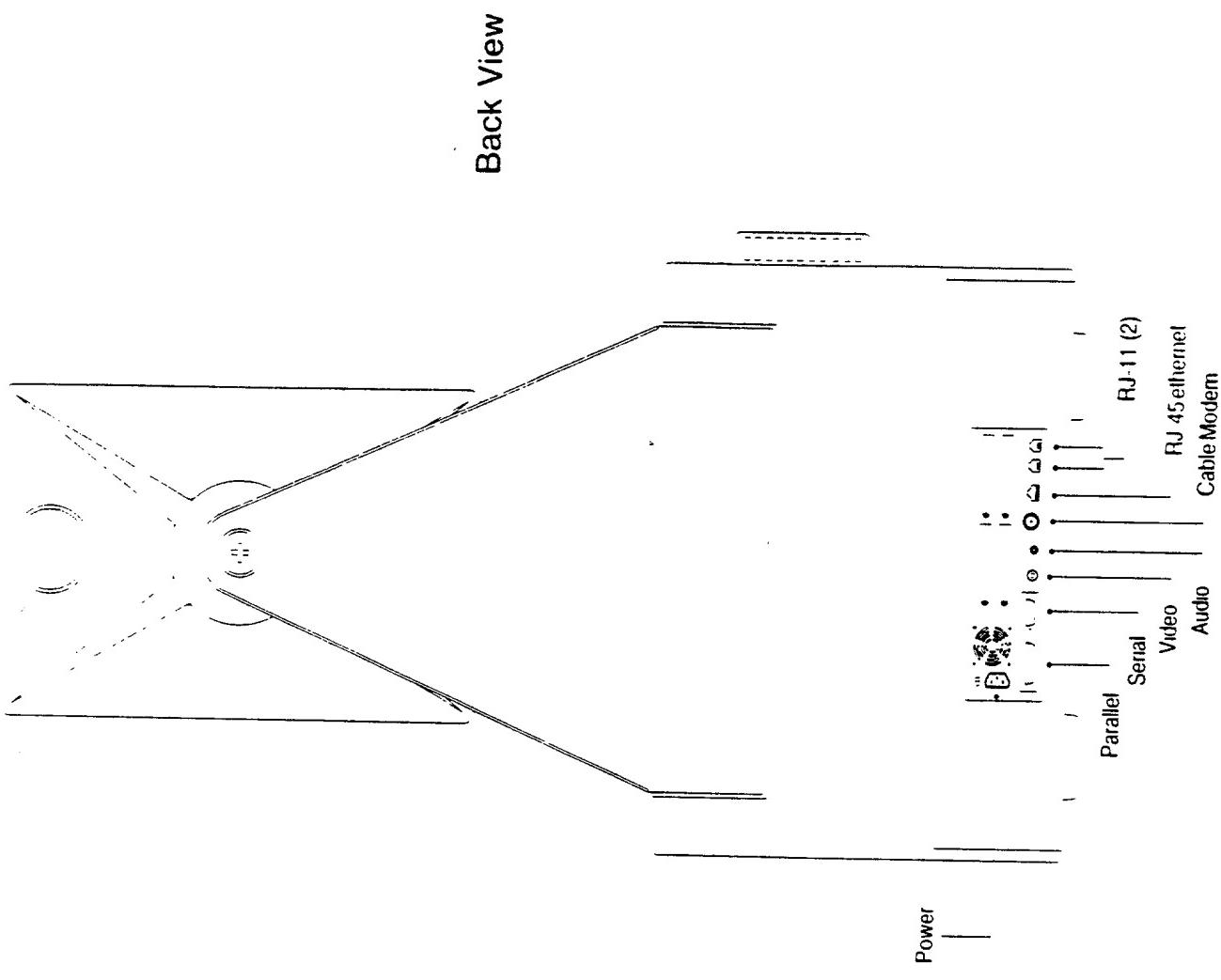


Figure 24

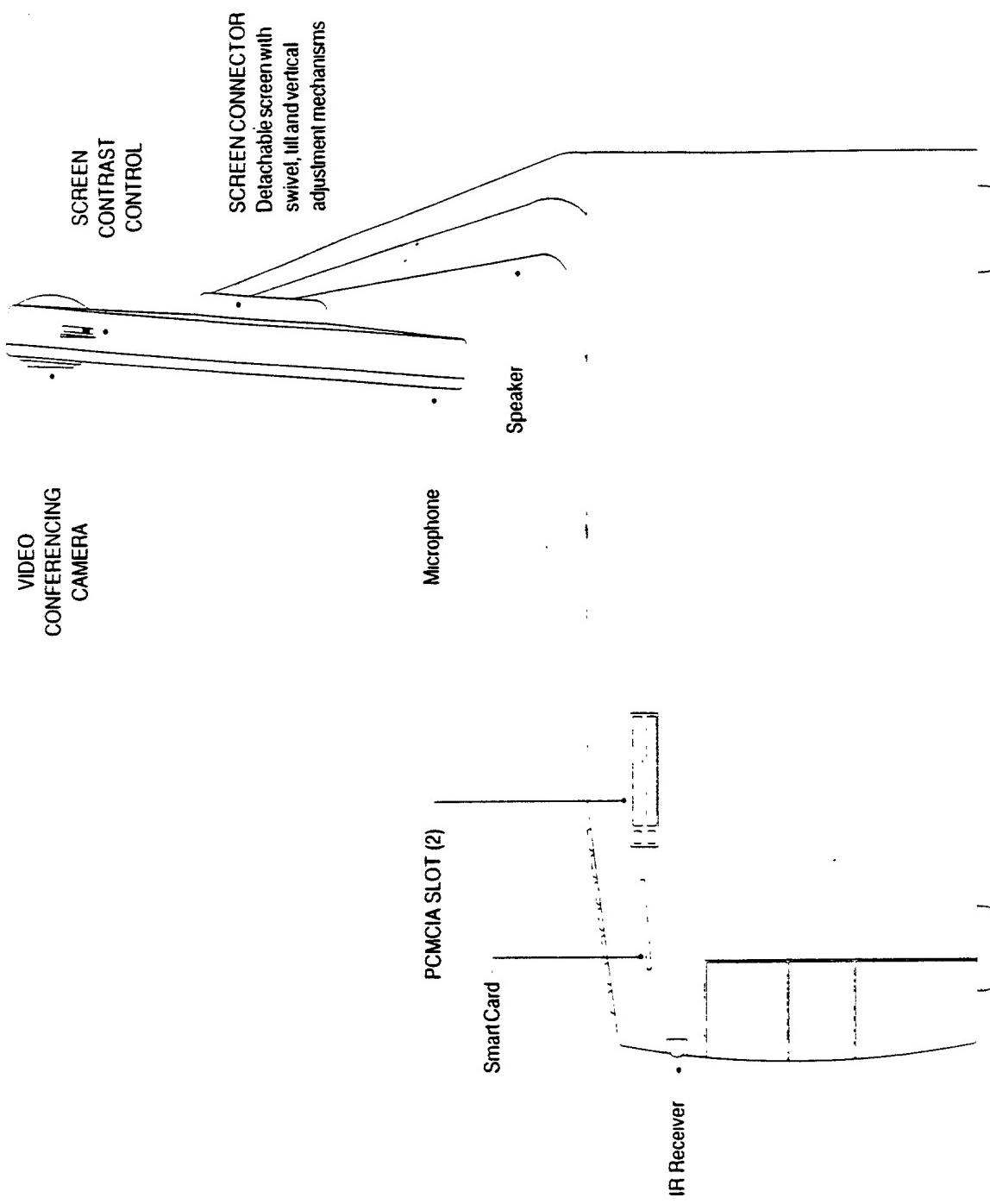


Figure 2.5'

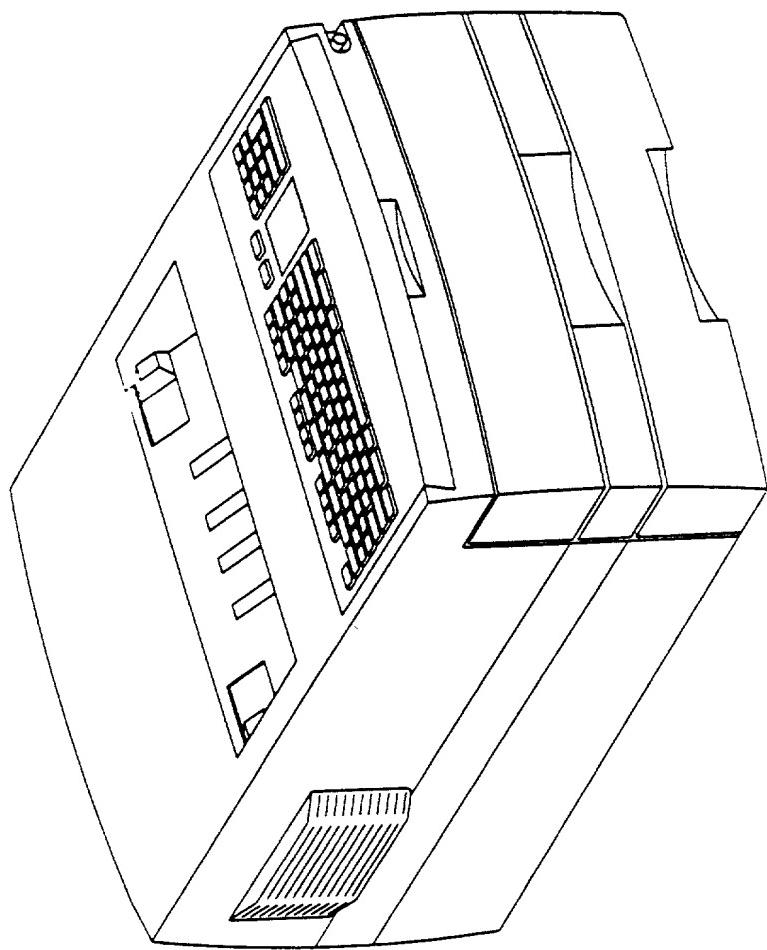


Figure 26

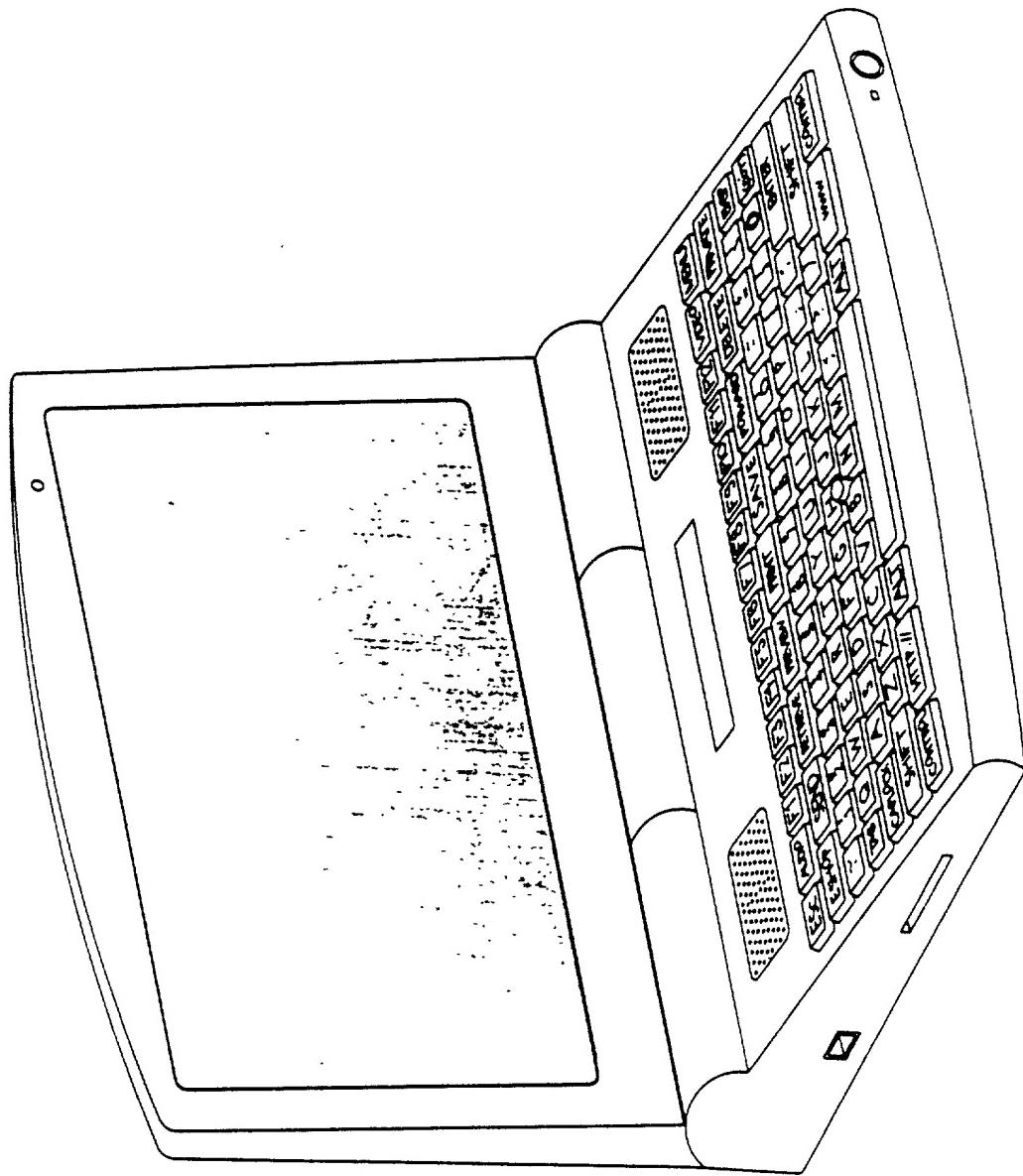
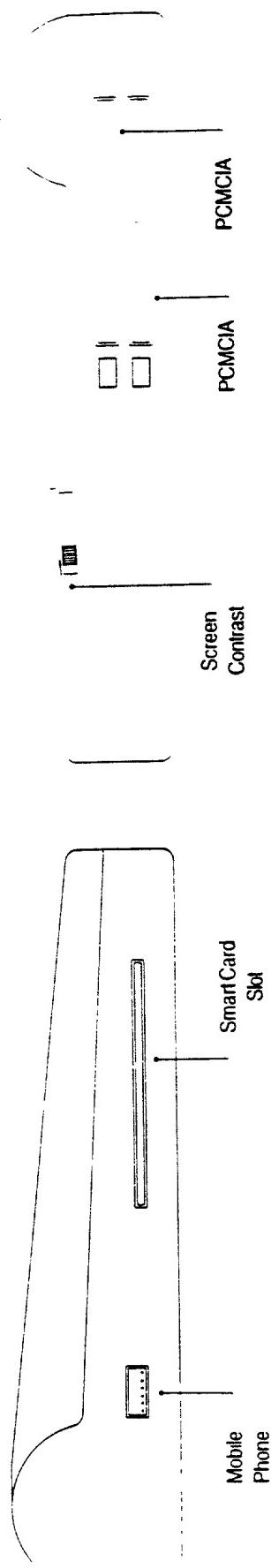
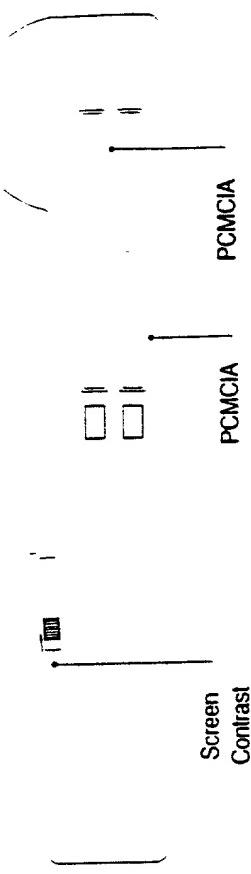


Figure 2.7

Left Side View



Right Side View



Back View

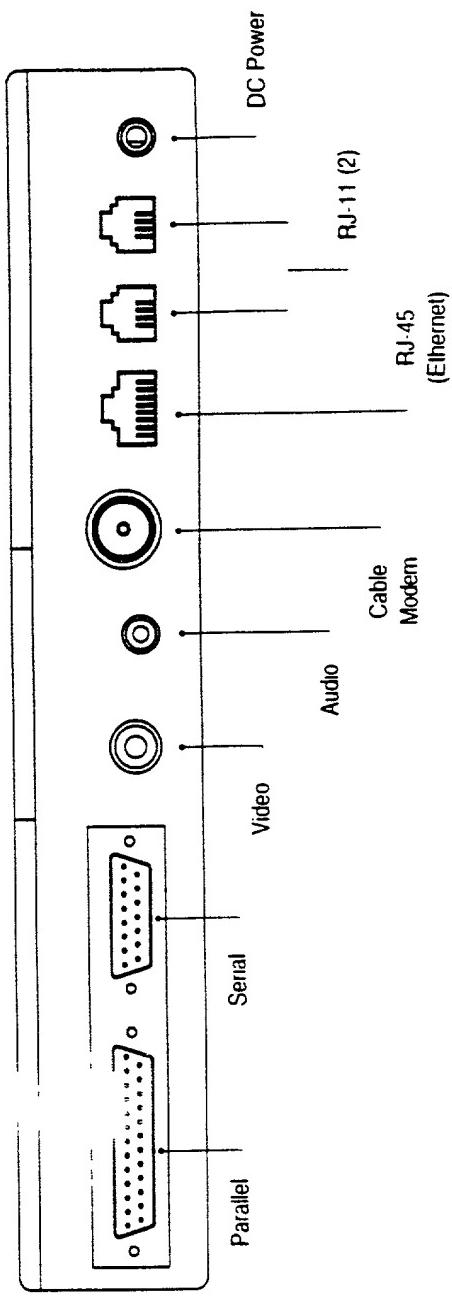


Figure 28

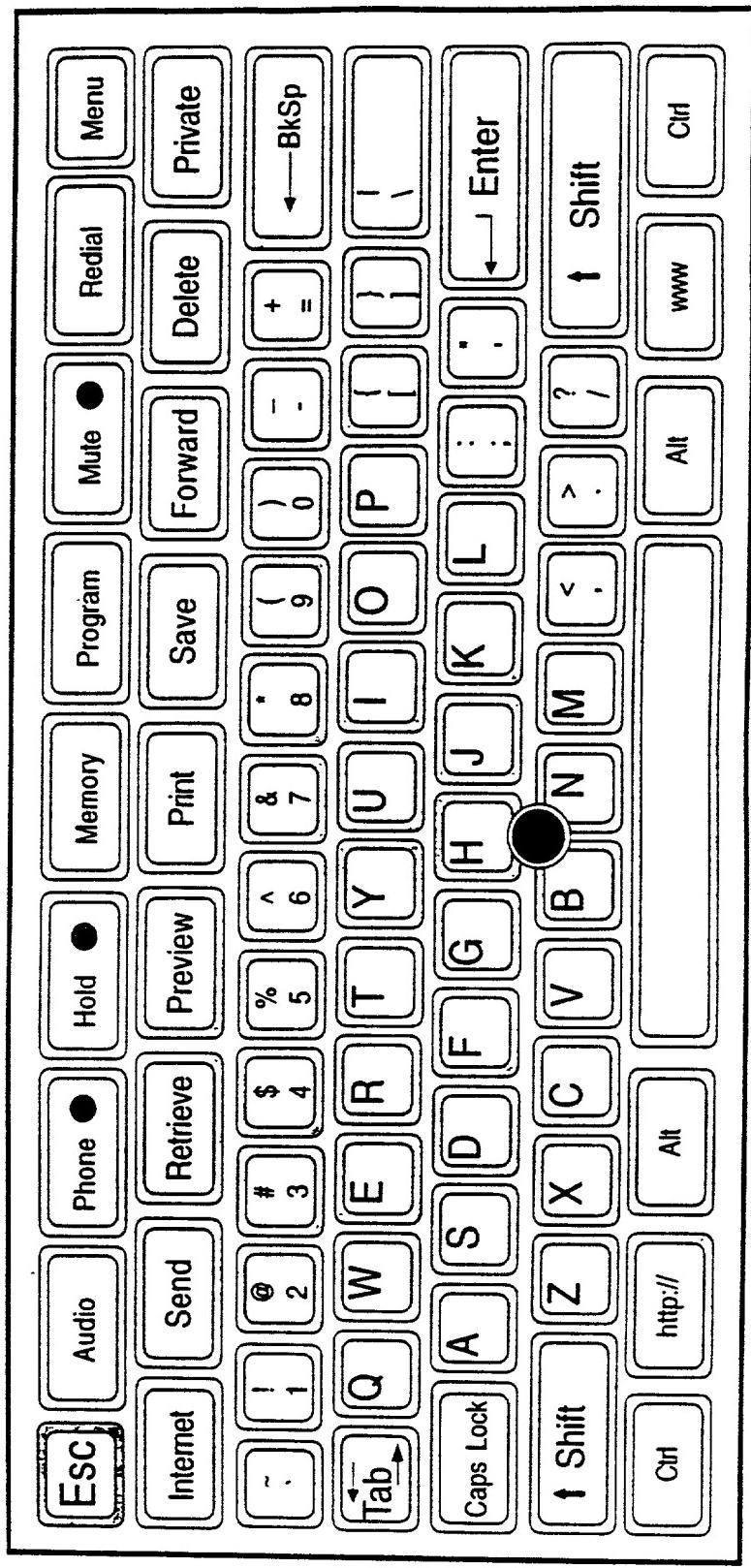


Figure 29

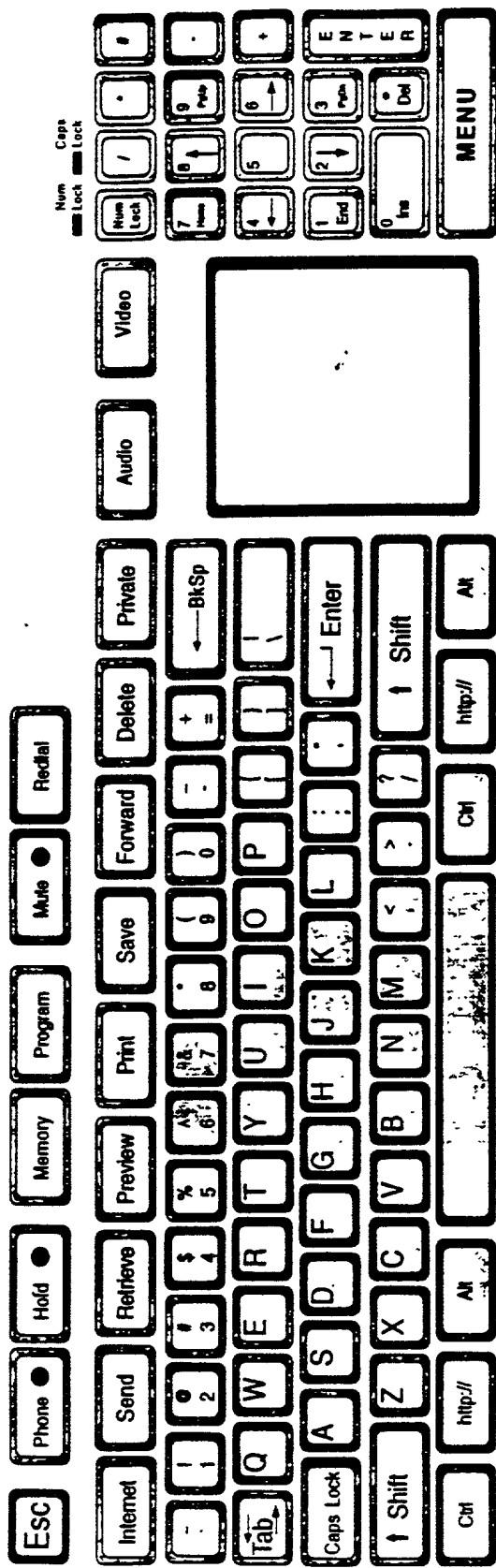


Figure 30

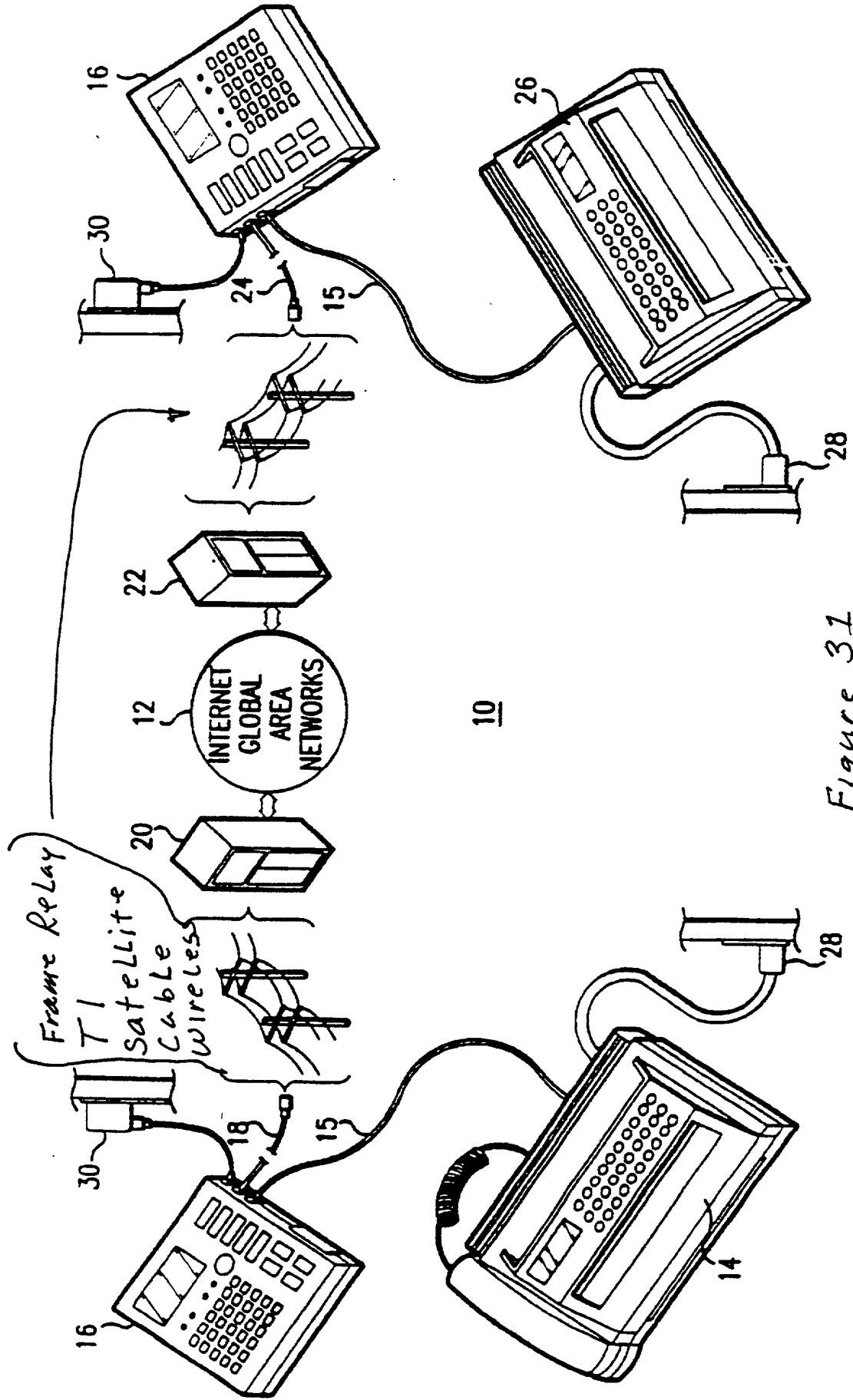
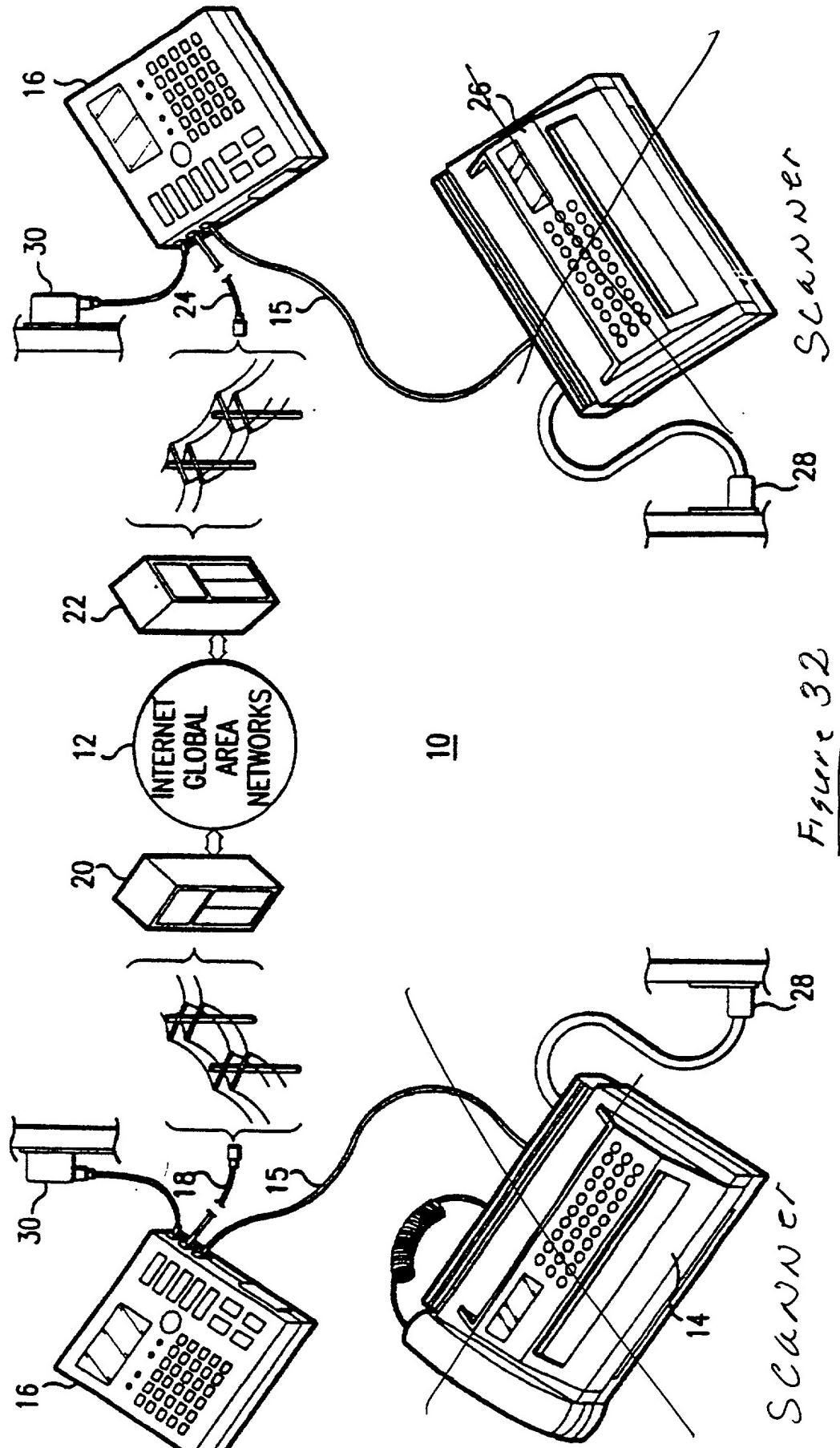


Figure 31



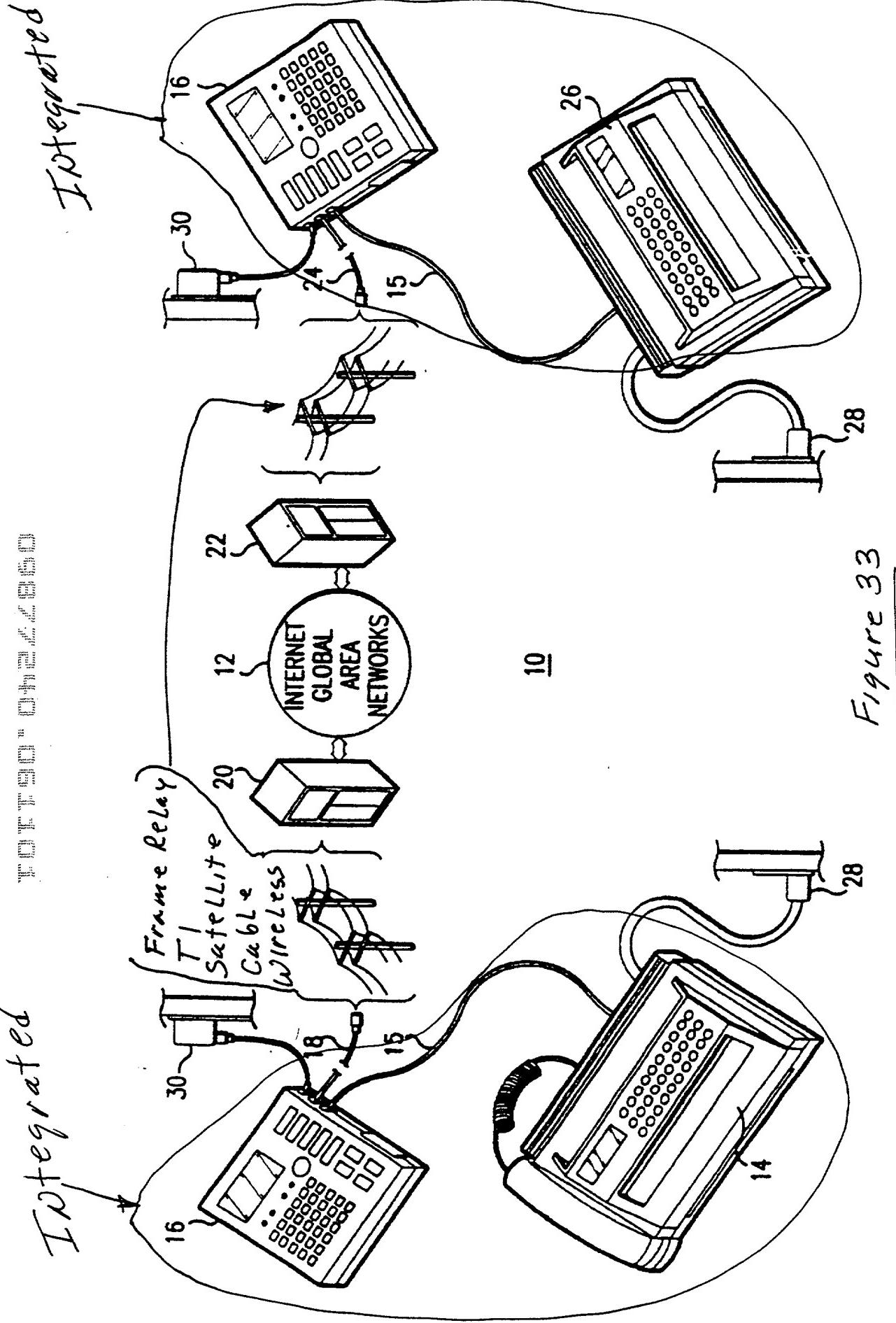


Figure 33

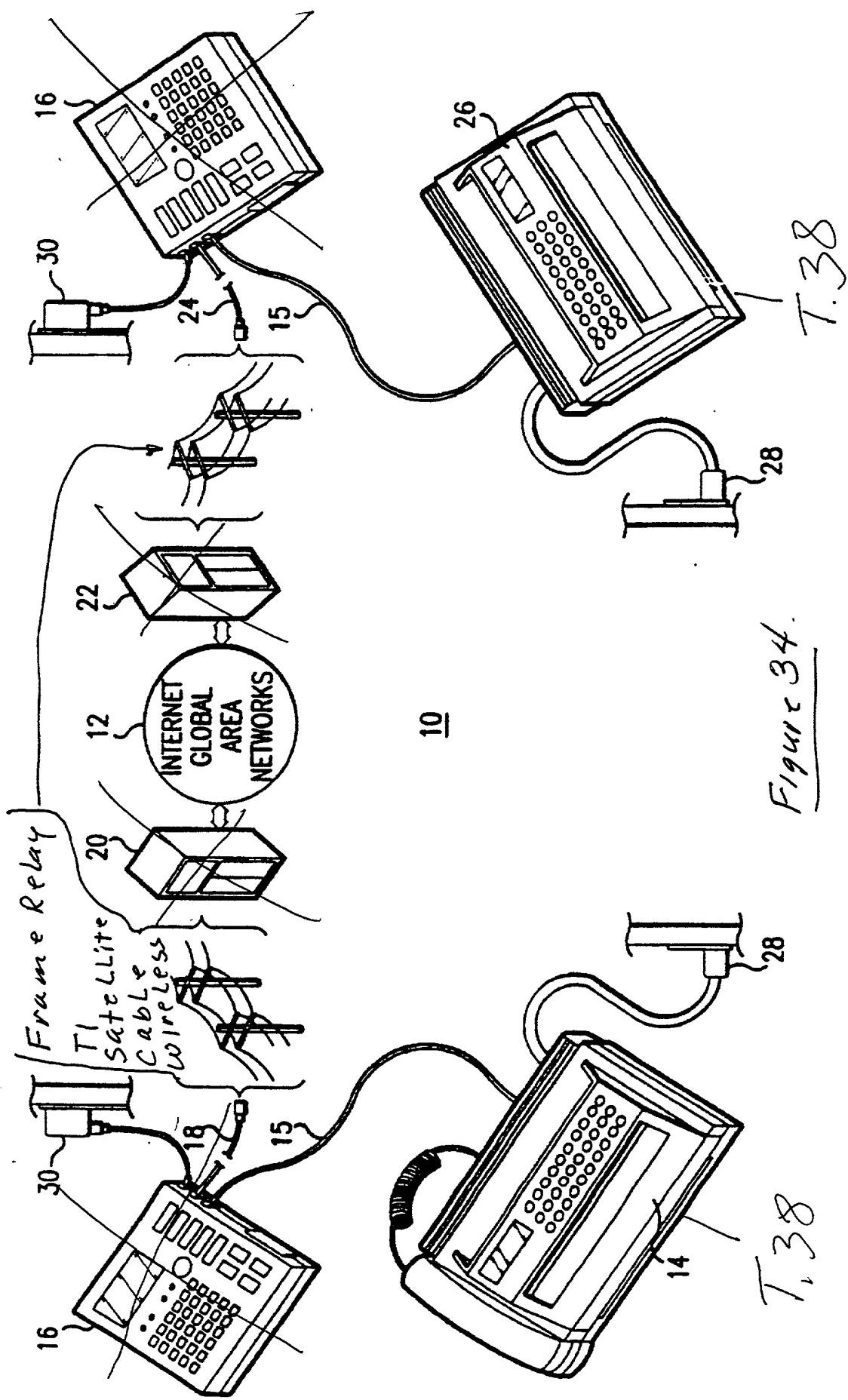


Figure 34.

T.38

28

T.38

28

T.38

28

T.38

28

Figure 35

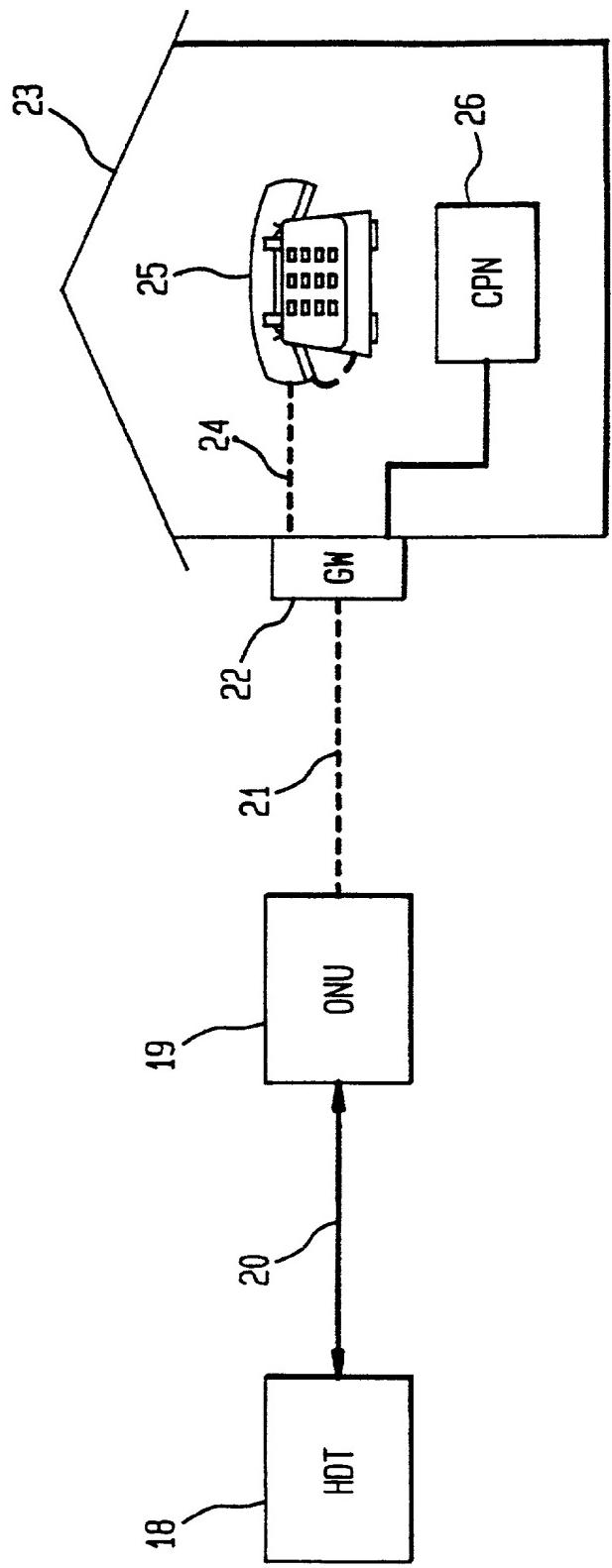


Figure 36

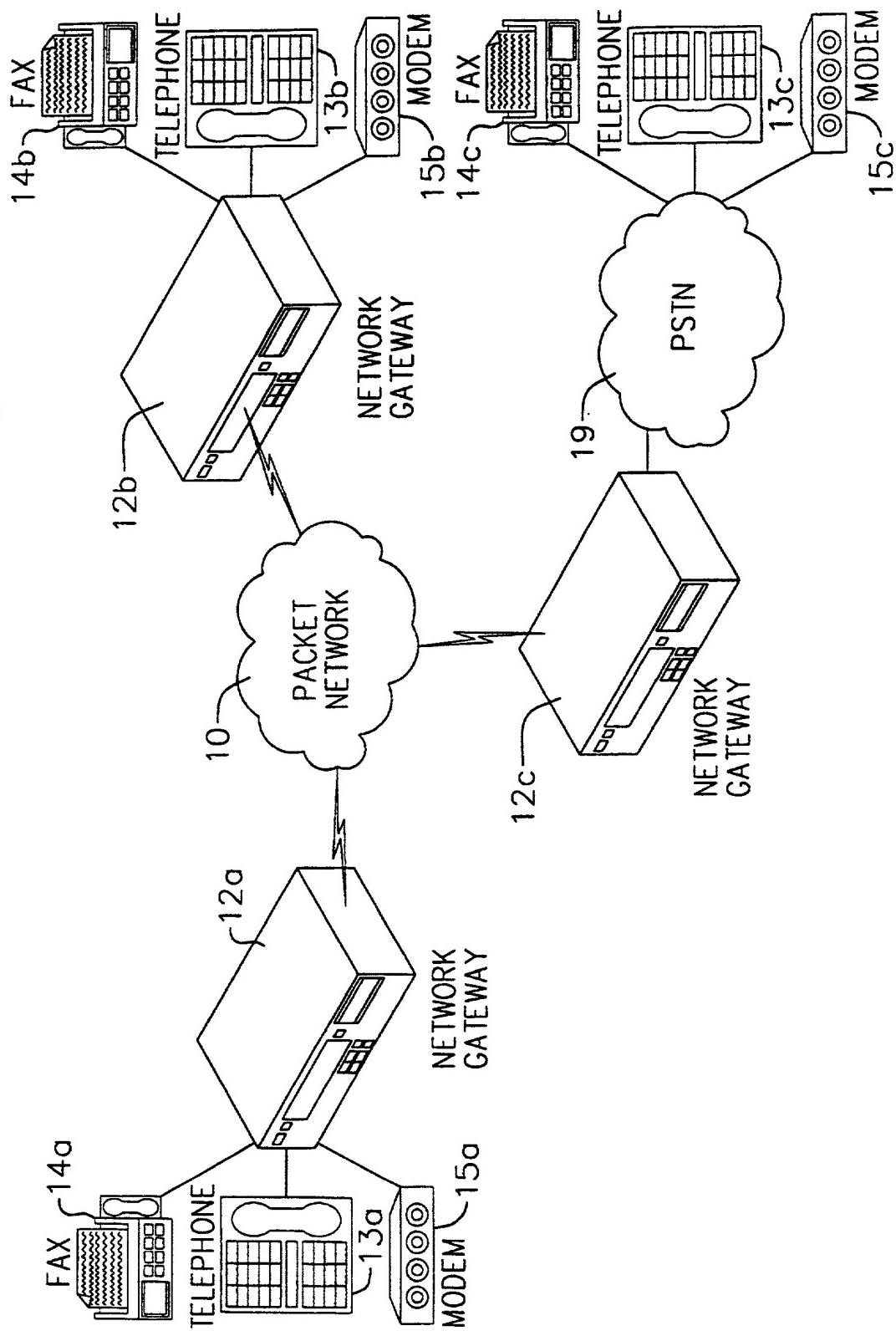


Figure 37

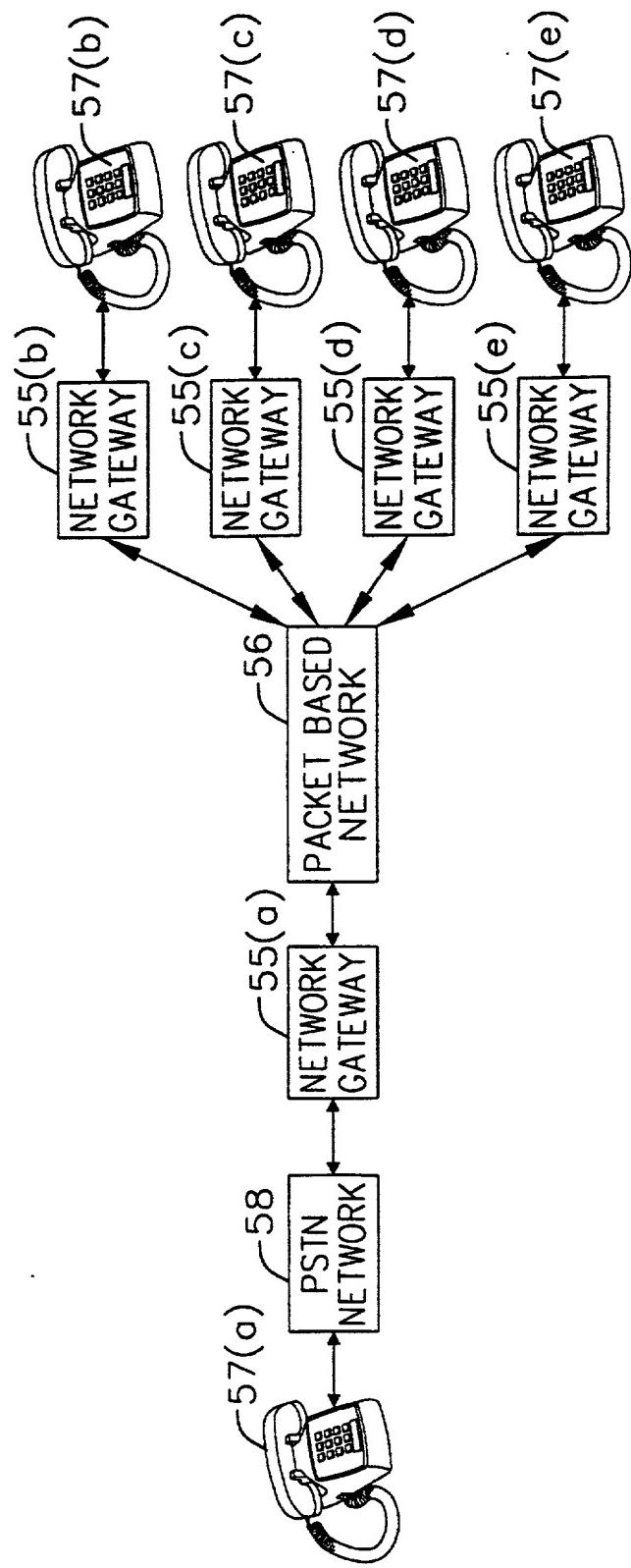


Figure 38

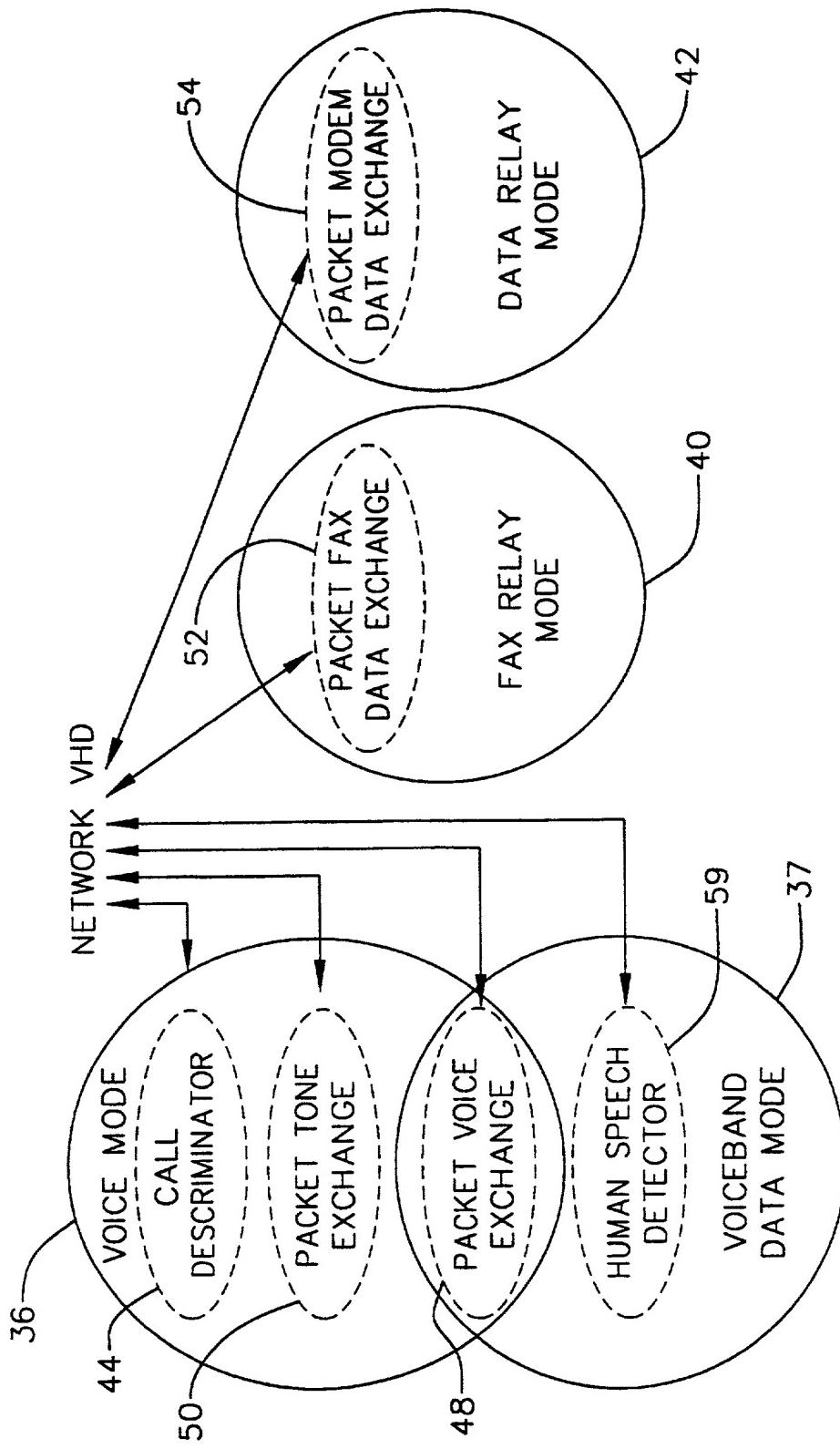


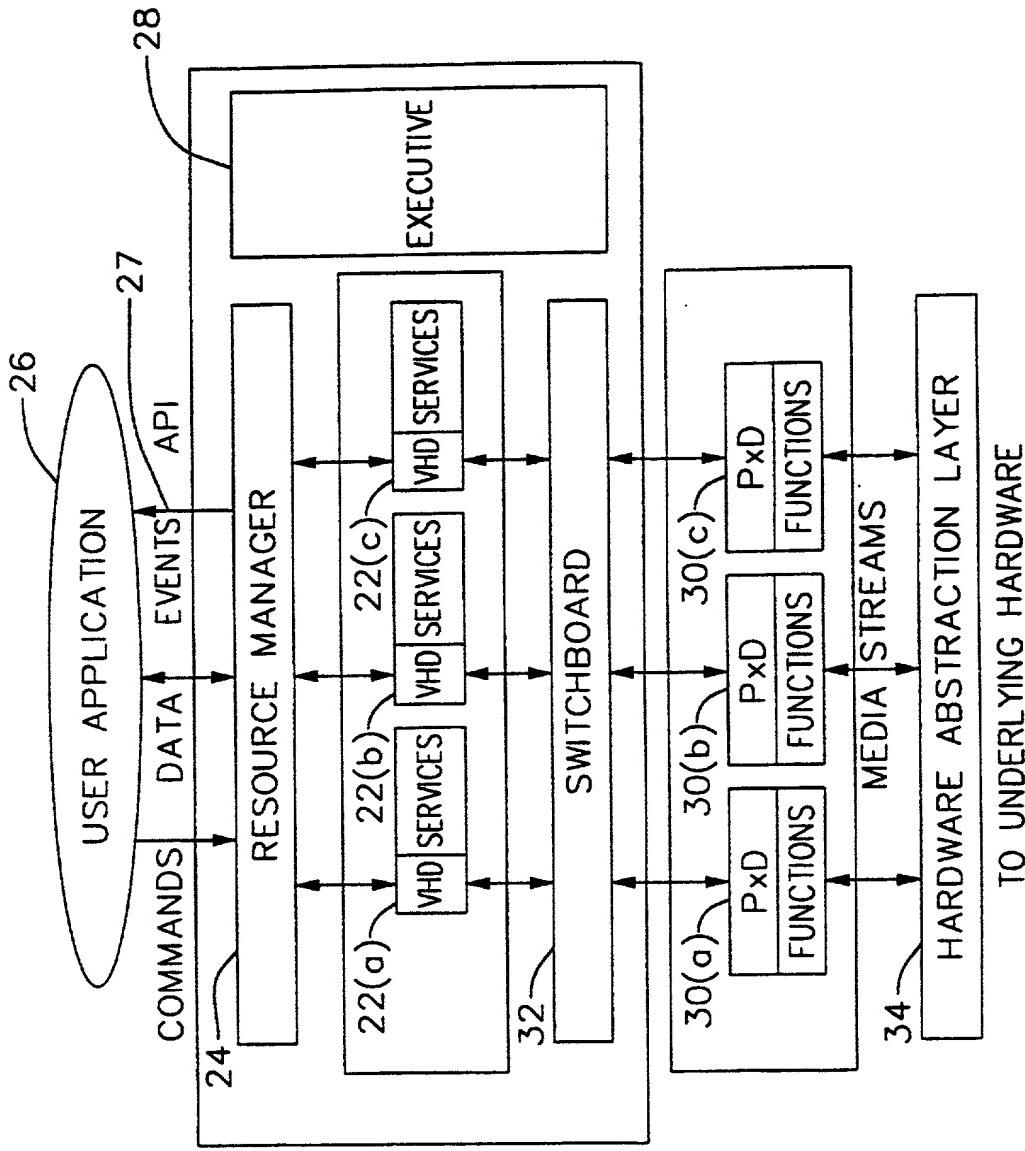
Figure 39

Figure 40

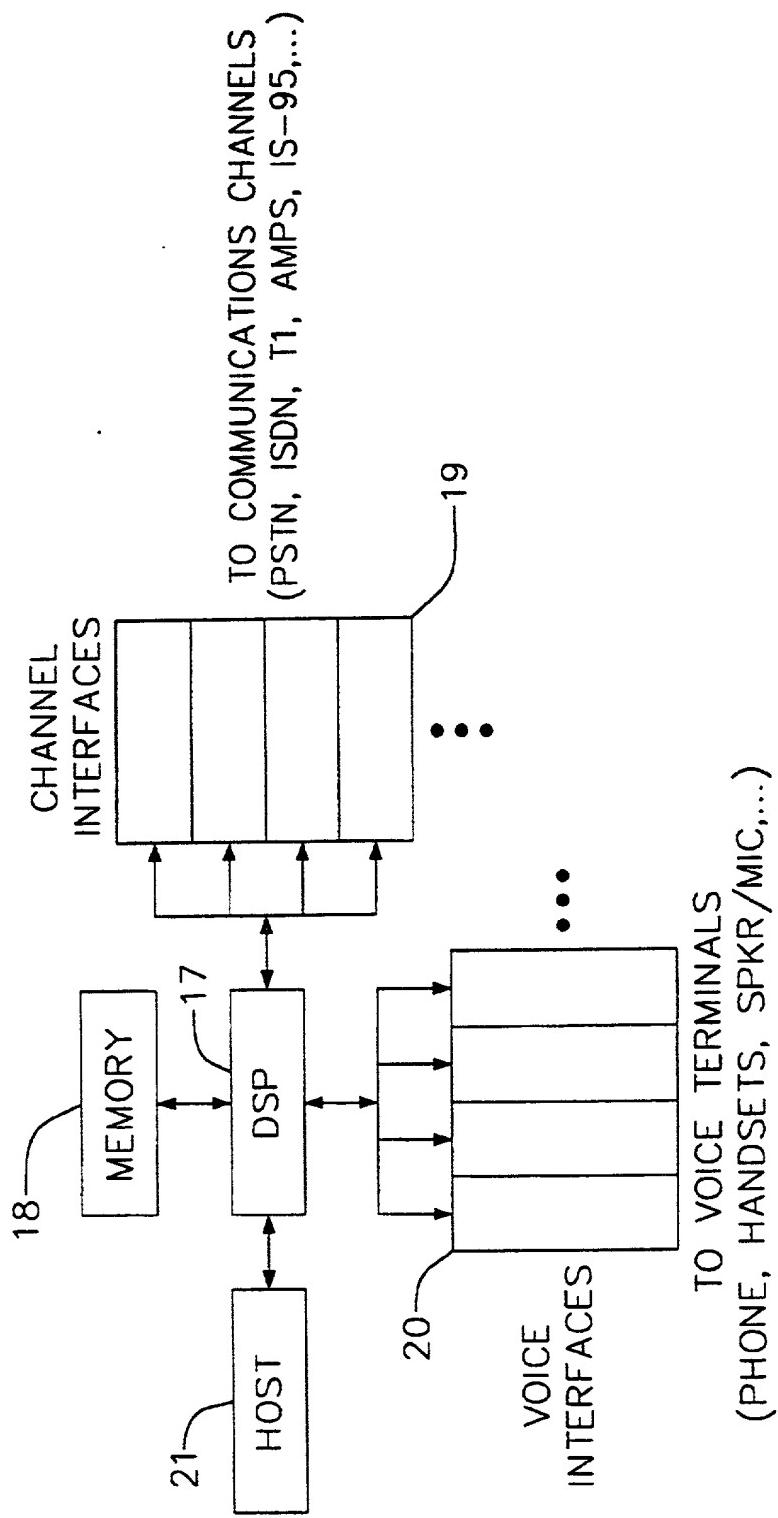


Figure 4/

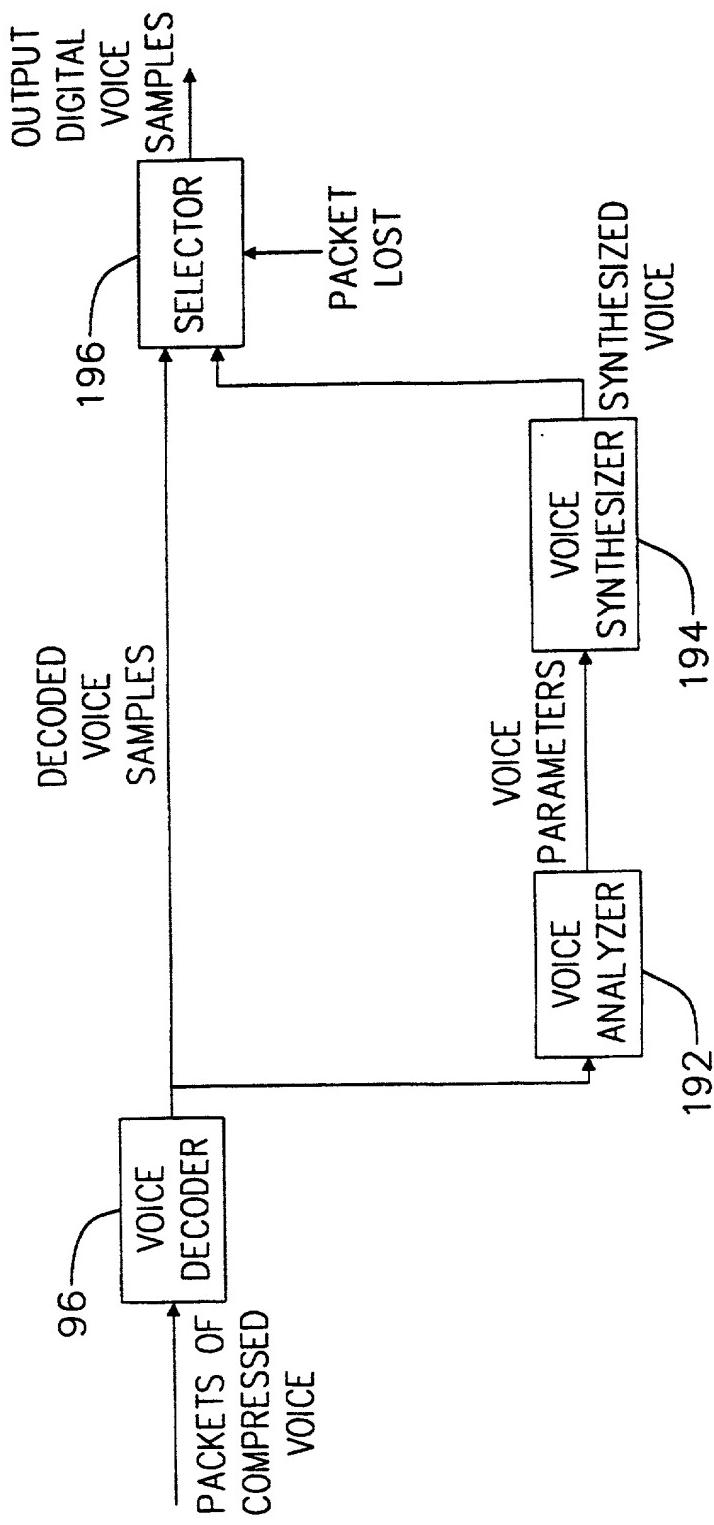


Figure 42

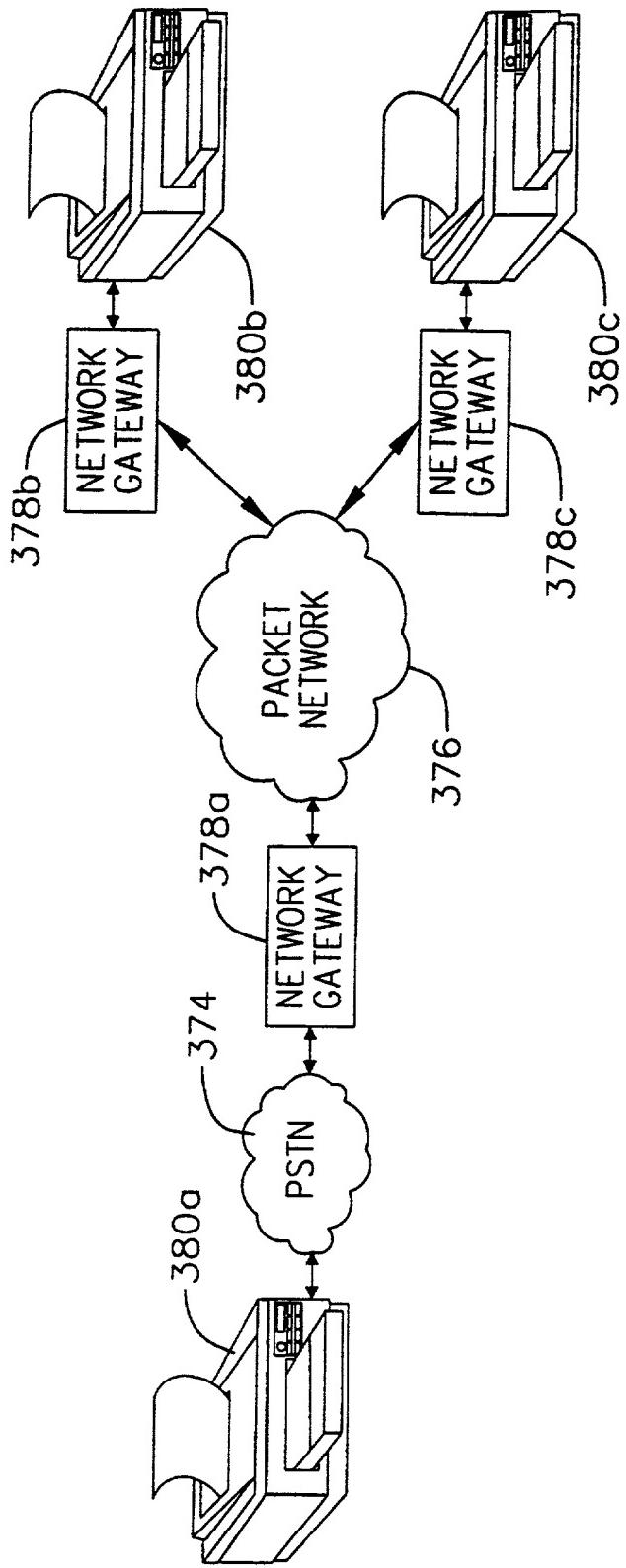


Figure 43

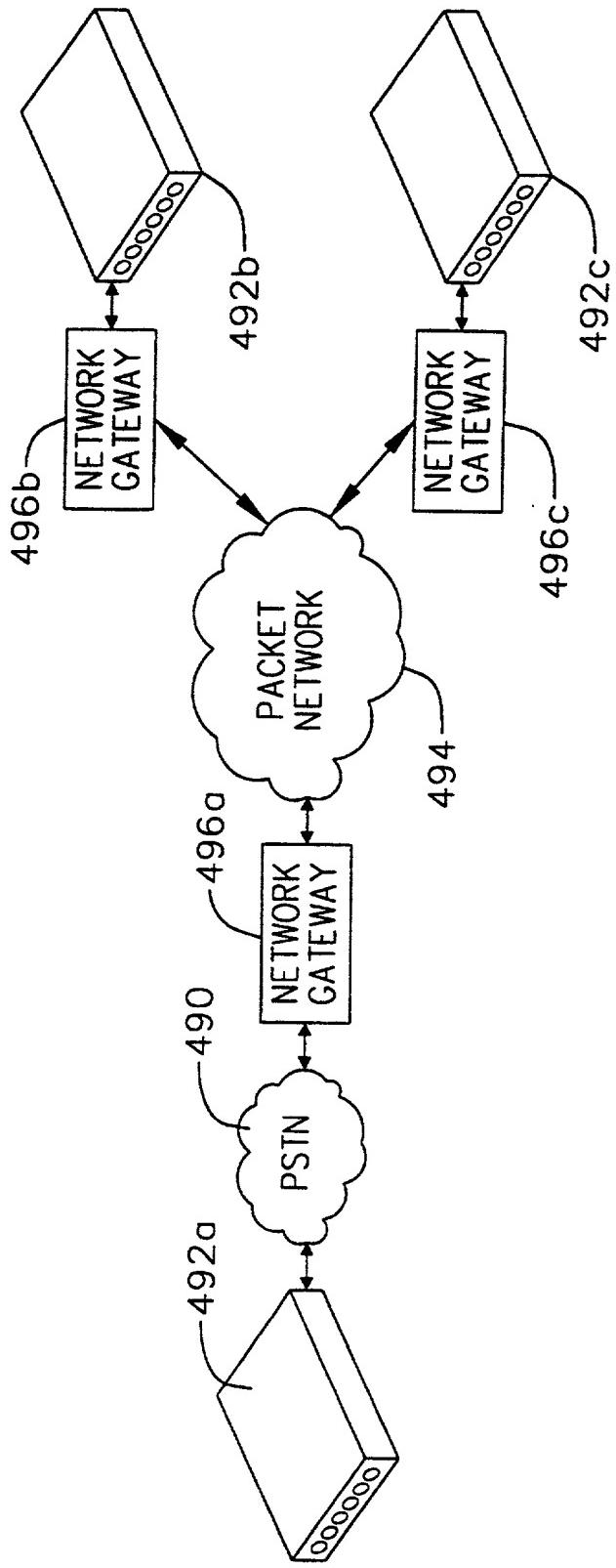


Figure 44

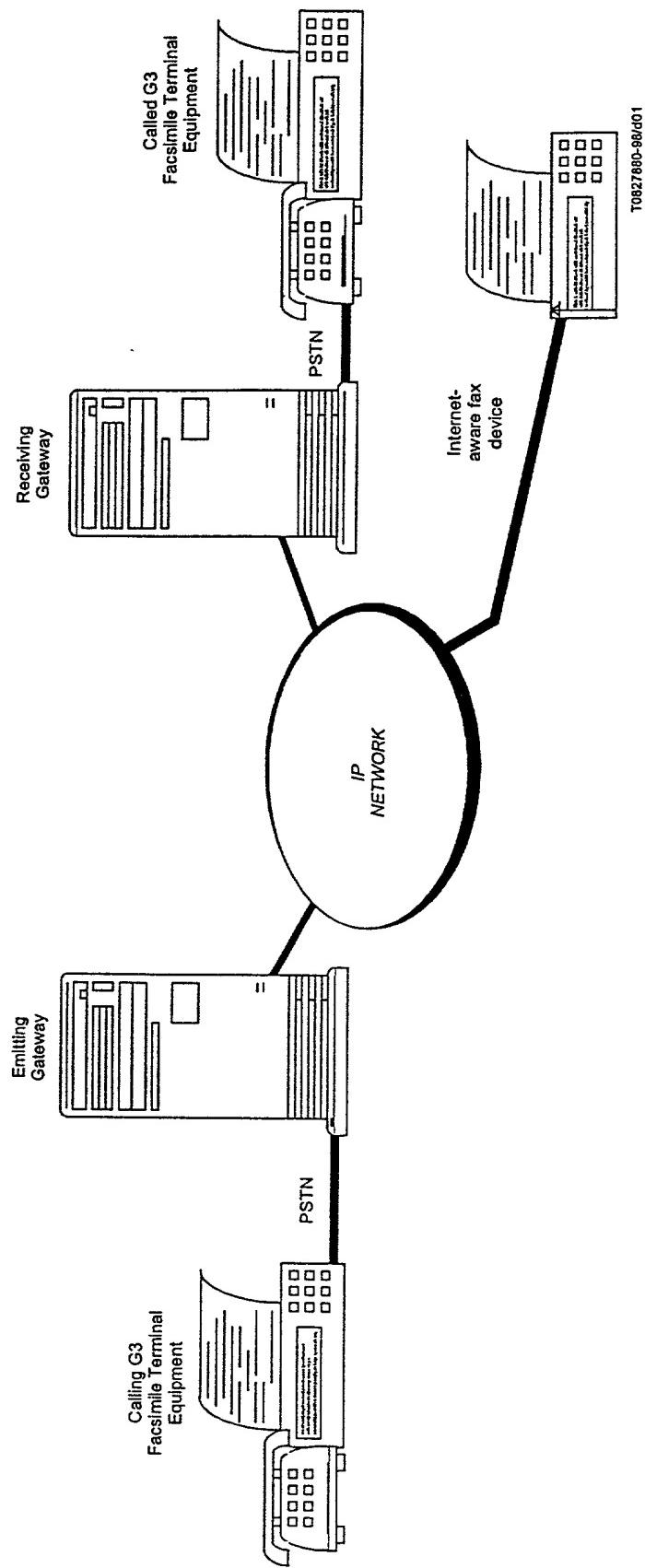


Figure 4/5

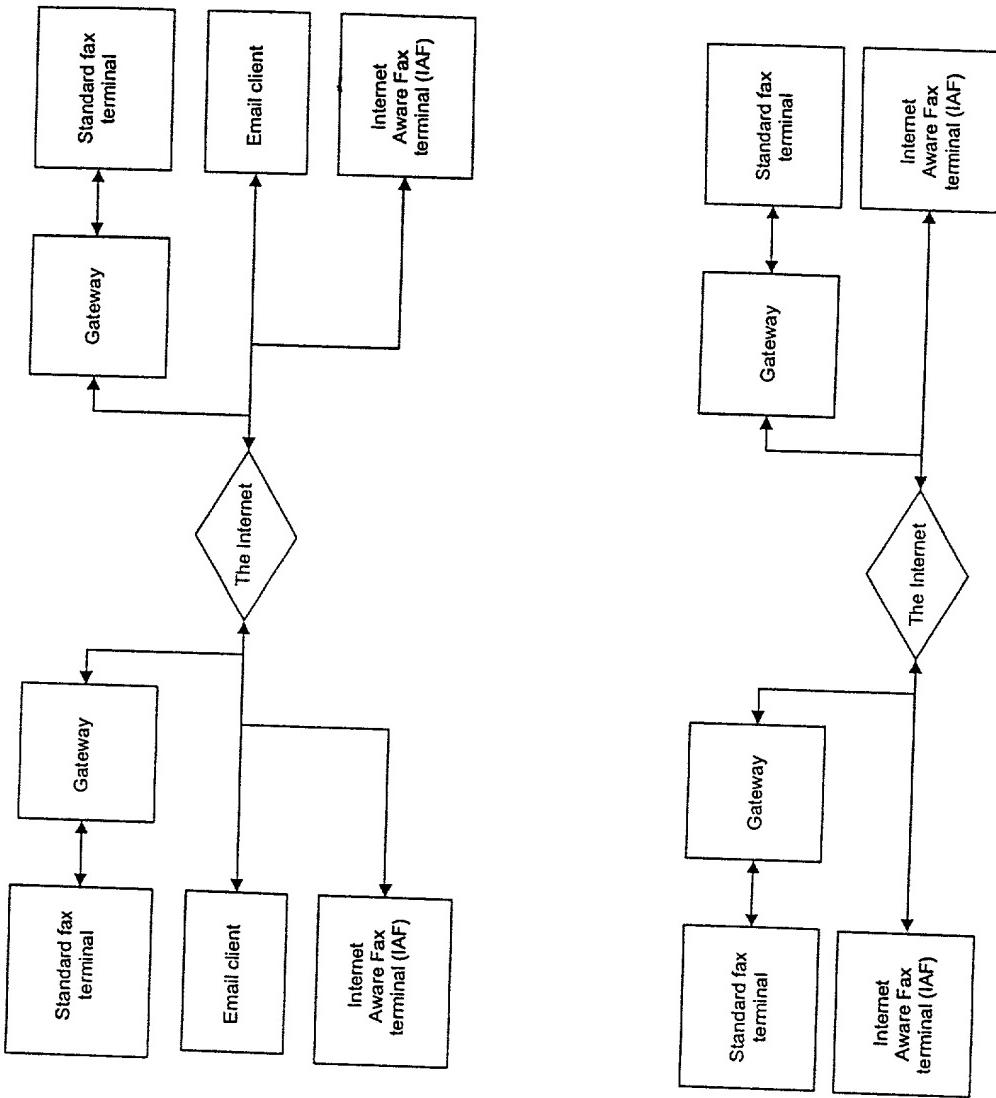


Figure 46

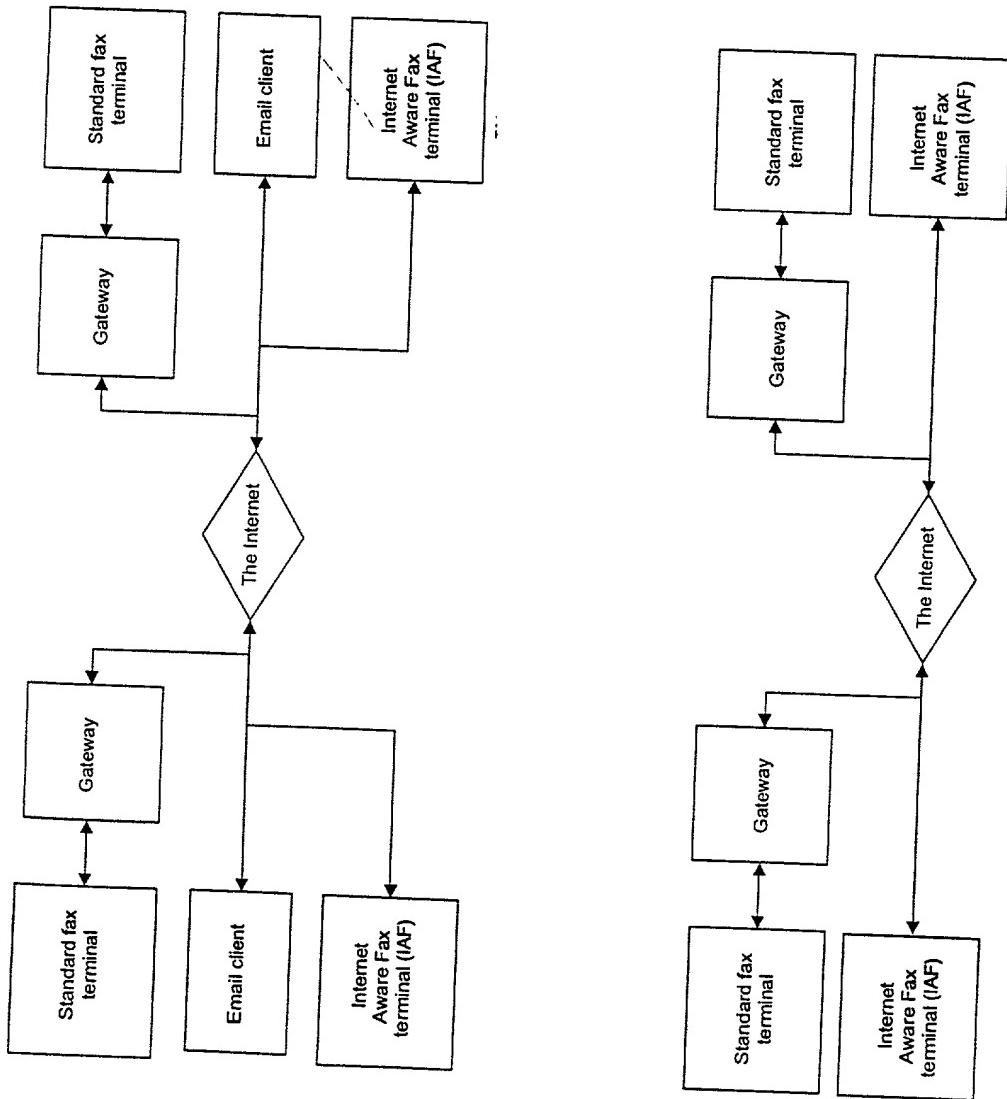


Figure 47

